

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017729.D
 Acq On : 20 Mar 2024 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 21 03:15:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	119640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	160535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45814	40.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.820%		
35) Dibromofluoromethane	7.716	113	55667	44.314	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.620%		
50) Toluene-d8	10.185	98	196668	44.778	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.560%		
62) 4-Bromofluorobenzene	12.489	95	61908	44.851	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	33146	37.558	ug/l	98
3) Chloromethane	2.113	50	55223	34.247	ug/l	94
4) Vinyl Chloride	2.247	62	72712	35.149	ug/l	98
5) Bromomethane	2.650	94	59999	35.591	ug/l	99
6) Chloroethane	2.796	64	48106	36.863	ug/l	100
7) Trichlorofluoromethane	3.119	101	79578	37.744	ug/l	91
8) Diethyl Ether	3.528	74	24251	39.217	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	48326	39.849	ug/l	95
10) Methyl Iodide	4.088	142	63983	47.012	ug/l	98
11) Tert butyl alcohol	4.942	59	13297	138.058	ug/l	99
12) 1,1-Dichloroethene	3.869	96	45466	40.228	ug/l	94
13) Acrolein	3.723	56	10823	85.164	ug/l	99
14) Allyl chloride	4.473	41	49882	36.527	ug/l	96
15) Acrylonitrile	5.155	53	47434	186.597	ug/l	99
16) Acetone	3.942	43	39774	180.853	ug/l	99
17) Carbon Disulfide	4.192	76	130977	38.610	ug/l	97
18) Methyl Acetate	4.466	43	20950	39.265	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	101737	38.621	ug/l	94
20) Methylene Chloride	4.716	84	54403	41.133	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	53181	40.188	ug/l	95
22) Diisopropyl ether	6.112	45	119254	37.843	ug/l	95
23) Vinyl Acetate	6.058	43	341966	182.109	ug/l	96
24) 1,1-Dichloroethane	6.009	63	82776	38.449	ug/l	99
25) 2-Butanone	6.984	43	53230	169.836	ug/l	98
26) 2,2-Dichloropropane	6.978	77	71545	39.526	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	60279	40.571	ug/l	95
28) Bromochloromethane	7.332	49	37295	43.986	ug/l	83
29) Tetrahydrofuran	7.344	42	33356	176.551	ug/l	96
30) Chloroform	7.503	83	91948	40.115	ug/l	100
31) Cyclohexane	7.789	56	66497	36.037	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	80789	40.598	ug/l	97
36) 1,1-Dichloropropene	7.917	75	69675	41.109	ug/l	98
37) Ethyl Acetate	7.076	43	24756	36.982	ug/l #	97
38) Carbon Tetrachloride	7.905	117	73369	43.193	ug/l	99
39) Methylcyclohexane	9.185	83	83623	41.055	ug/l	99
40) Benzene	8.161	78	205955	40.918	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017729.D
 Acq On : 20 Mar 2024 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024

Quant Time: Mar 21 03:15:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	14125m	42.049	ug/l	
42) 1,2-Dichloroethane	8.234	62	50445	41.077	ug/l	99
43) Isopropyl Acetate	8.277	43	42847	36.424	ug/l	95
44) Trichloroethene	8.941	130	62264	42.918	ug/l	98
45) 1,2-Dichloropropane	9.222	63	47493	39.660	ug/l	98
46) Dibromomethane	9.307	93	28279	41.263	ug/l	92
47) Bromodichloromethane	9.496	83	69060	41.501	ug/l	97
48) Methyl methacrylate	9.295	41	19075	35.032	ug/l	91
49) 1,4-Dioxane	9.301	88	6271	808.535	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	116729	178.048	ug/l	97
52) Toluene	10.246	92	133769	42.158	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	62971	40.771	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	77380	41.231	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	40112	41.223	ug/l	95
56) Ethyl methacrylate	10.514	69	43990	37.421	ug/l	94
57) 1,3-Dichloropropane	10.795	76	64630	40.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	120925	215.363	ug/l	94
59) 2-Hexanone	10.837	43	79999	177.649	ug/l	96
60) Dibromochloromethane	10.990	129	50655	44.005	ug/l	99
61) 1,2-Dibromoethane	11.093	107	38937	43.423	ug/l	97
64) Tetrachloroethene	10.721	164	70167	45.538	ug/l	98
65) Chlorobenzene	11.520	112	142188	41.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53992	42.295	ug/l	100
67) Ethyl Benzene	11.599	91	248217	41.537	ug/l	97
68) m/p-Xylenes	11.709	106	201232	85.698	ug/l	97
69) o-Xylene	12.038	106	93444	42.894	ug/l	97
70) Styrene	12.050	104	153194	42.365	ug/l	98
71) Bromoform	12.215	173	30635	43.306	ug/l #	97
73) Isopropylbenzene	12.337	105	243819	41.886	ug/l	99
74) N-amyl acetate	12.148	43	34933	34.025	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	39140	39.156	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	29803m	40.033	ug/l	
77) Bromobenzene	12.617	156	60218	42.717	ug/l	91
78) n-propylbenzene	12.678	91	292404	41.864	ug/l	98
79) 2-Chlorotoluene	12.764	91	161177	41.216	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	198951	42.660	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	11967	36.936	ug/l	95
82) 4-Chlorotoluene	12.861	91	166868	41.719	ug/l	97
83) tert-Butylbenzene	13.081	119	173270	42.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	198188	43.046	ug/l	100
85) sec-Butylbenzene	13.258	105	268528	42.888	ug/l	99
86) p-Isopropyltoluene	13.379	119	219422	42.811	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	118656	41.935	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	116477	42.342	ug/l	98
89) n-Butylbenzene	13.703	91	195560	41.820	ug/l	99
90) Hexachloroethane	13.971	117	42678	41.534	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	102626	42.879	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5144	36.605	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	54453	43.073	ug/l	99
94) Hexachlorobutadiene	15.117	225	36670	46.982	ug/l	99
95) Naphthalene	15.245	128	84086	35.554	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	45981	42.398	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
Data File : VY017729.D
Acq On : 20 Mar 2024 16:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024

Quant Time: Mar 21 03:15:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
Data File : VY017729.D
Acq On : 20 Mar 2024 16:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 21 03:15:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024

