

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008078.D
 Acq On : 29 Mar 2022 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 03:57:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
 Supervised By :Semsettin Yesilyurt 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	169671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	287847	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	256584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	124440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81185	47.691	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.380%		
35) Dibromofluoromethane	7.722	113	90054	49.899	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.800%		
50) Toluene-d8	10.185	98	339575	49.943	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.880%		
62) 4-Bromofluorobenzene	12.489	95	114656	47.797	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	75726	49.510	ug/l	100
3) Chloromethane	2.119	50	85923	46.132	ug/l	95
4) Vinyl Chloride	2.259	62	109482	44.179	ug/l	98
5) Bromomethane	2.662	94	88373	43.514	ug/l	98
6) Chloroethane	2.808	64	72159	44.266	ug/l	97
7) Trichlorofluoromethane	3.137	101	146159	46.625	ug/l	94
8) Diethyl Ether	3.540	74	49252	48.516	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.912	101	95334	49.026	ug/l	91
10) Methyl Iodide	4.107	142	113082	49.795	ug/l	90
11) Tert butyl alcohol	4.960	59	35278	199.739	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	88599	49.216	ug/l #	79
13) Acrolein	3.741	56	37412	260.243	ug/l	98
14) Allyl chloride	4.491	41	117541	49.626	ug/l #	90
15) Acrylonitrile	5.174	53	109689	226.839	ug/l	97
16) Acetone	3.954	43	101299	260.343	ug/l #	82
17) Carbon Disulfide	4.210	76	250272	49.064	ug/l	99
18) Methyl Acetate	4.485	43	45579	43.674	ug/l #	81
19) Methyl tert-butyl Ether	5.234	73	242638	47.428	ug/l	92
20) Methylene Chloride	4.729	84	99002	50.011	ug/l #	79
21) trans-1,2-Dichloroethene	5.234	96	103308	49.561	ug/l #	81
22) Diisopropyl ether	6.131	45	252829	49.616	ug/l #	91
23) Vinyl Acetate	6.070	43	805297	255.046	ug/l #	85
24) 1,1-Dichloroethane	6.027	63	168654	49.993	ug/l	98
25) 2-Butanone	6.990	43	139013	234.771	ug/l #	75
26) 2,2-Dichloropropane	6.996	77	163438	51.157	ug/l	93
27) cis-1,2-Dichloroethene	6.996	96	120666	49.942	ug/l	81
28) Bromochloromethane	7.344	49	42999	47.962	ug/l #	64
29) Tetrahydrofuran	7.356	42	83782	217.640	ug/l #	72
30) Chloroform	7.515	83	184231	50.435	ug/l	99
31) Cyclohexane	7.795	56	142067	44.647	ug/l #	83
32) 1,1,1-Trichloroethane	7.710	97	170255	50.444	ug/l	94
36) 1,1-Dichloropropene	7.929	75	139292	49.135	ug/l	95
37) Ethyl Acetate	7.088	43	59211	44.711	ug/l #	91
38) Carbon Tetrachloride	7.911	117	152950	49.508	ug/l	99
39) Methylcyclohexane	9.191	83	175787	45.940	ug/l #	84
40) Benzene	8.167	78	404591	49.894	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008078.D
 Acq On : 29 Mar 2022 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
 Supervised By :Semsettin Yesilyurt 03/30/2022

Quant Time: Mar 30 03:57:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	33833m	50.879	ug/l	
42) 1,2-Dichloroethane	8.246	62	109105	47.963	ug/l	90
43) Isopropyl Acetate	8.277	43	117214	45.087	ug/l #	84
44) Trichloroethene	8.947	130	118191	50.403	ug/l	98
45) 1,2-Dichloropropane	9.222	63	94493	49.444	ug/l	95
46) Dibromomethane	9.313	93	60272	47.964	ug/l	97
47) Bromodichloromethane	9.502	83	142467	49.581	ug/l	97
48) Methyl methacrylate	9.301	41	50130	43.536	ug/l #	76
49) 1,4-Dioxane	9.301	88	14007	838.491	ug/l #	79
51) 4-Methyl-2-Pentanone	10.075	43	290719	221.718	ug/l #	83
52) Toluene	10.252	92	270030	50.776	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	144685	49.121	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	165881	49.750	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	84437	48.663	ug/l	98
56) Ethyl methacrylate	10.514	69	108029	47.729	ug/l #	72
57) 1,3-Dichloropropane	10.794	76	137889	48.555	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	194683	207.598	ug/l #	88
59) 2-Hexanone	10.837	43	208396	227.131	ug/l	79
60) Dibromochloromethane	10.990	129	105255	49.877	ug/l	100
61) 1,2-Dibromoethane	11.093	107	83582	48.366	ug/l	99
64) Tetrachloroethene	10.727	164	95474	48.447	ug/l	97
65) Chlorobenzene	11.520	112	294198	50.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	111320	52.164	ug/l	97
67) Ethyl Benzene	11.599	91	516591	50.946	ug/l	96
68) m/p-Xylenes	11.709	106	409536	101.570	ug/l	90
69) o-Xylene	12.038	106	196750	50.964	ug/l	90
70) Styrene	12.050	104	324871	51.405	ug/l	94
71) Bromoform	12.215	173	64954	50.411	ug/l #	97
73) Isopropylbenzene	12.337	105	514386	50.079	ug/l	99
74) N-amyl acetate	12.148	43	101035	44.748	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	94138	47.153	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	80370m	52.982	ug/l	
77) Bromobenzene	12.617	156	119684	50.791	ug/l	90
78) n-propylbenzene	12.678	91	598390	49.390	ug/l	96
79) 2-Chlorotoluene	12.764	91	332690	49.501	ug/l	94
80) 1,3,5-Trimethylbenzene	12.819	105	418754	49.765	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	32183	47.336	ug/l #	81
82) 4-Chlorotoluene	12.861	91	345921	50.161	ug/l	96
83) tert-Butylbenzene	13.081	119	375425	50.078	ug/l	93
84) 1,2,4-Trimethylbenzene	13.129	105	408515	49.854	ug/l	96
85) sec-Butylbenzene	13.257	105	541954	48.977	ug/l	98
86) p-Isopropyltoluene	13.373	119	455720	49.486	ug/l	96
87) 1,3-Dichlorobenzene	13.373	146	235751	50.463	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	234129	50.252	ug/l	98
89) n-Butylbenzene	13.703	91	407590	48.105	ug/l	97
90) Hexachloroethane	13.965	117	87795	49.203	ug/l	85
91) 1,2-Dichlorobenzene	13.745	146	207536	50.456	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13912	43.660	ug/l	72
93) 1,2,4-Trichlorobenzene	15.013	180	119449	48.487	ug/l	99
94) Hexachlorobutadiene	15.123	225	61980	47.558	ug/l	99
95) Naphthalene	15.245	128	251401	46.168	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	101366	47.555	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
Data File : VY008078.D
Acq On : 29 Mar 2022 10:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
Supervised By :Semsettin Yesilyurt 03/30/2022

Quant Time: Mar 30 03:57:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

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

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

