

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018105.D
 Acq On : 02 May 2024 09:32
 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 :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 02 22:57:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	294155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	480748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	422817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	122395	52.787	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.580%			
35) Dibromofluoromethane	7.716	113	140347	50.800	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.600%			
50) Toluene-d8	10.179	98	540300	50.095	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.483	95	183512	49.441	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	100193	42.671	ug/l	99
3) Chloromethane	2.107	50	148534	48.414	ug/l	98
4) Vinyl Chloride	2.247	62	160753	48.428	ug/l	100
5) Bromomethane	2.650	94	113472	55.383	ug/l	98
6) Chloroethane	2.790	64	103148	49.897	ug/l	100
7) Trichlorofluoromethane	3.119	101	203191	45.980	ug/l	94
8) Diethyl Ether	3.522	74	70257	49.514	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	126405	45.835	ug/l	97
10) Methyl Iodide	4.082	142	182477	49.922	ug/l	98
11) Tert butyl alcohol	4.960	59	48053	254.285	ug/l	99
12) 1,1-Dichloroethene	3.863	96	132100	46.974	ug/l	93
13) Acrolein	3.723	56	74888	266.253	ug/l	98
14) Allyl chloride	4.466	41	178400	47.981	ug/l	98
15) Acrylonitrile	5.149	53	140535	263.679	ug/l	99
16) Acetone	3.942	43	116653	264.093	ug/l	92
17) Carbon Disulfide	4.186	76	398225	47.423	ug/l	100
18) Methyl Acetate	4.466	43	55186	48.783	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	323452	50.123	ug/l	99
20) Methylene Chloride	4.704	84	142989	46.197	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	146855	49.123	ug/l	95
22) Diisopropyl ether	6.112	45	375446	49.028	ug/l	96
23) Vinyl Acetate	6.052	43	1226771	252.581	ug/l	99
24) 1,1-Dichloroethane	6.009	63	225795	48.830	ug/l	100
25) 2-Butanone	6.978	43	179690	261.489	ug/l	96
26) 2,2-Dichloropropane	6.972	77	207398	47.959	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	176210	49.425	ug/l	96
28) Bromochloromethane	7.326	49	94961	50.816	ug/l	90
29) Tetrahydrofuran	7.344	42	110945	253.961	ug/l	98
30) Chloroform	7.503	83	238551	48.752	ug/l	100
31) Cyclohexane	7.783	56	196060	44.131	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	212256	47.525	ug/l	98
36) 1,1-Dichloropropene	7.911	75	170732	46.296	ug/l	97
37) Ethyl Acetate	7.070	43	82785	51.585	ug/l #	95
38) Carbon Tetrachloride	7.893	117	189365	45.240	ug/l	98
39) Methylcyclohexane	9.179	83	242915	44.846	ug/l	99
40) Benzene	8.155	78	564194	47.611	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018105.D
 Acq On : 02 May 2024 09:32
 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: May 02 22:57:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	49056m	51.833	ug/l	
42) 1,2-Dichloroethane	8.234	62	131995	48.079	ug/l	97
43) Isopropyl Acetate	8.271	43	167188	49.587	ug/l	95
44) Trichloroethene	8.941	130	158185	47.071	ug/l	92
45) 1,2-Dichloropropane	9.210	63	124797	48.268	ug/l	100
46) Dibromomethane	9.301	93	74448	47.360	ug/l	92
47) Bromodichloromethane	9.496	83	183864	47.644	ug/l	98
48) Methyl methacrylate	9.289	41	76048	49.274	ug/l	91
49) 1,4-Dioxane	9.301	88	17810	1021.207	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	416616	252.997	ug/l	95
52) Toluene	10.240	92	366729	46.760	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	181580	48.697	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	212623	48.538	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	104553	49.451	ug/l	96
56) Ethyl methacrylate	10.508	69	146695	49.074	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	168570	49.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	365164	261.688	ug/l	94
59) 2-Hexanone	10.831	43	304543	259.118	ug/l	93
60) Dibromochloromethane	10.984	129	140243	48.837	ug/l	100
61) 1,2-Dibromoethane	11.087	107	101133	49.918	ug/l	99
64) Tetrachloroethene	10.715	164	134702	44.011	ug/l	98
65) Chlorobenzene	11.514	112	418150	46.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	139608	46.504	ug/l	99
67) Ethyl Benzene	11.593	91	689535	46.073	ug/l	95
68) m/p-Xylenes	11.703	106	554069	92.395	ug/l	96
69) o-Xylene	12.026	106	268581	46.622	ug/l	95
70) Styrene	12.044	104	454727	46.899	ug/l	97
71) Bromoform	12.209	173	83501	47.465	ug/l #	98
73) Isopropylbenzene	12.331	105	670614	45.062	ug/l	97
74) N-amyl acetate	12.142	43	156506	47.915	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	114622	48.404	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	79813m	48.095	ug/l	
77) Bromobenzene	12.605	156	165124	46.696	ug/l	94
78) n-propylbenzene	12.672	91	774246	45.179	ug/l	96
79) 2-Chlorotoluene	12.758	91	442762	45.491	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	538662	44.911	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43127	47.345	ug/l	96
82) 4-Chlorotoluene	12.855	91	454486	45.570	ug/l	96
83) tert-Butylbenzene	13.075	119	498242	45.373	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	542029	46.131	ug/l	99
85) sec-Butylbenzene	13.251	105	714943	45.371	ug/l	97
86) p-Isopropyltoluene	13.367	119	604895	46.063	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	316786	46.839	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	311717	46.762	ug/l	99
89) n-Butylbenzene	13.697	91	539083	46.387	ug/l	97
90) Hexachloroethane	13.959	117	119821	44.910	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	275687	46.779	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16594	46.454	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	162013	49.187	ug/l	99
94) Hexachlorobutadiene	15.111	225	87117	47.782	ug/l	97
95) Naphthalene	15.233	128	305667	50.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	137426	50.001	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
Data File : VY018105.D
Acq On : 02 May 2024 09:32
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 :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 02 22:57:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

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

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

