

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017919.D
 Acq On : 12 Apr 2024 09:28
 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 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/15/2024

Quant Time: Apr 13 00:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	89117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72425	61.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.480%			
35) Dibromofluoromethane	7.722	113	77305	61.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.740%			
50) Toluene-d8	10.185	98	277429	58.962	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.920%			
62) 4-Bromofluorobenzene	12.483	95	84788	59.228	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43626	47.729	ug/l	99
3) Chloromethane	2.113	50	90544	50.754	ug/l	100
4) Vinyl Chloride	2.247	62	136404	58.507	ug/l	98
5) Bromomethane	2.650	94	121942	64.688	ug/l	98
6) Chloroethane	2.790	64	103454	68.011	ug/l	99
7) Trichlorofluoromethane	3.119	101	115193	50.665	ug/l	94
8) Diethyl Ether	3.528	74	32785	49.090	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.900	101	62347	45.726	ug/l	98
10) Methyl Iodide	4.089	142	70777	47.733	ug/l	97
11) Tert butyl alcohol	4.942	59	20231	231.751	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	57857	45.346	ug/l	96
13) Acrolein	3.723	56	16998	205.141	ug/l	98
14) Allyl chloride	4.473	41	66981	42.791	ug/l	88
15) Acrylonitrile	5.155	53	67527	239.531	ug/l	99
16) Acetone	3.942	43	63715	260.622	ug/l	93
17) Carbon Disulfide	4.192	76	149652	41.446	ug/l	98
18) Methyl Acetate	4.473	43	26035	48.080	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	148803	50.935	ug/l	98
20) Methylene Chloride	4.710	84	69249	46.013	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	66315	48.570	ug/l	97
22) Diisopropyl ether	6.119	45	176321	48.735	ug/l	95
23) Vinyl Acetate	6.058	43	541949	245.342	ug/l	99
24) 1,1-Dichloroethane	6.015	63	118979	49.548	ug/l	97
25) 2-Butanone	6.984	43	87675	251.745	ug/l	98
26) 2,2-Dichloropropane	6.978	77	100579	48.494	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	81767	50.673	ug/l	98
28) Bromochloromethane	7.332	49	47921	49.073	ug/l	97
29) Tetrahydrofuran	7.350	42	50232	240.376	ug/l	100
30) Chloroform	7.509	83	130177	52.249	ug/l	100
31) Cyclohexane	7.789	56	83250	39.957	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	107260	50.581	ug/l	97
36) 1,1-Dichloropropene	7.917	75	87027	47.352	ug/l	96
37) Ethyl Acetate	7.076	43	37552	47.347	ug/l	98
38) Carbon Tetrachloride	7.905	117	93457	48.983	ug/l	98
39) Methylcyclohexane	9.185	83	100857	43.933	ug/l	98
40) Benzene	8.161	78	276821	48.874	ug/l	99

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Quant Title : SW846 8260

QLast Update : Sat Mar 30 05:58:13 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	23825m	52.120	ug/l	
42) 1,2-Dichloroethane	8.240	62	72531	52.028	ug/l	98
43) Isopropyl Acetate	8.277	43	68547	47.624	ug/l	98
44) Trichloroethene	8.941	130	70721	47.992	ug/l	99
45) 1,2-Dichloropropane	9.216	63	64928	49.333	ug/l	97
46) Dibromomethane	9.307	93	37905	50.693	ug/l	99
47) Bromodichloromethane	9.496	83	99845	52.846	ug/l	99
48) Methyl methacrylate	9.295	41	29885	49.091	ug/l #	90
49) 1,4-Dioxane	9.301	88	8269	985.090	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	191753	266.327	ug/l	98
52) Toluene	10.246	92	171419	49.895	ug/l	98
53) t-1,3-Dichloropropene	10.472	75	84386	50.302	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	102480	50.053	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	51494	51.683	ug/l	97
56) Ethyl methacrylate	10.514	69	64527	52.358	ug/l #	94
57) 1,3-Dichloropropane	10.795	76	85680	50.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	182745	287.301	ug/l	99
59) 2-Hexanone	10.837	43	134962	263.726	ug/l	99
60) Dibromochloromethane	10.990	129	65044	51.760	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46273	50.933	ug/l	99
64) Tetrachloroethene	10.721	164	80722	47.744	ug/l	98
65) Chlorobenzene	11.520	112	190006	47.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	68328	50.607	ug/l	99
67) Ethyl Benzene	11.599	91	336888	49.284	ug/l	99
68) m/p-Xylenes	11.709	106	257069	99.162	ug/l	98
69) o-Xylene	12.032	106	119483	54.741	ug/l	99
70) Styrene	12.051	104	210797	55.806	ug/l	99
71) Bromoform	12.209	173	37539	50.158	ug/l #	97
73) Isopropylbenzene	12.337	105	316192	50.629	ug/l	99
74) N-amyl acetate	12.148	43	58447	49.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	53119	49.169	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37162m	45.761	ug/l	
77) Bromobenzene	12.611	156	73681	49.536	ug/l	98
78) n-propylbenzene	12.672	91	382386	50.178	ug/l	99
79) 2-Chlorotoluene	12.764	91	205244	49.170	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	248450	50.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17459	50.106	ug/l	95
82) 4-Chlorotoluene	12.861	91	211570	48.949	ug/l	97
83) tert-Butylbenzene	13.081	119	220705	49.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	248571	51.207	ug/l	100
85) sec-Butylbenzene	13.258	105	337249	50.707	ug/l	100
86) p-Isopropyltoluene	13.373	119	280800	50.510	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	148592	50.345	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	140016	49.564	ug/l	100
89) n-Butylbenzene	13.703	91	258820	50.602	ug/l	98
90) Hexachloroethane	13.965	117	72132	65.251	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	123639	50.537	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12566	86.076	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	134018	100.013	ug/l	99
94) Hexachlorobutadiene	15.117	225	80538	99.145	ug/l	98
95) Naphthalene	15.239	128	218196	86.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	112323	99.233	ug/l	99

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

