

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018989.D
 Acq On : 12 Aug 2024 09:37
 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 :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 13 01:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	68261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	101892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	88980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	45306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	30397	50.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.440%			
35) Dibromofluoromethane	7.622	113	34830	53.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.040%			
50) Toluene-d8	10.103	98	128259	51.311	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.408	95	37334	50.343	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	22300	47.528	ug/l	94
3) Chloromethane	2.068	50	52024	46.524	ug/l	100
4) Vinyl Chloride	2.202	62	70985	45.145	ug/l	95
5) Bromomethane	2.592	94	55440	44.192	ug/l	99
6) Chloroethane	2.733	64	49373	46.695	ug/l	97
7) Trichlorofluoromethane	3.050	101	90572	43.220	ug/l	95
8) Diethyl Ether	3.452	74	15704	48.613	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	31985	48.855	ug/l	92
10) Methyl Iodide	4.001	142	38955	55.103	ug/l	94
11) Tert butyl alcohol	4.830	59	12175	230.565	ug/l	100
12) 1,1-Dichloroethene	3.781	96	29485	47.671	ug/l	97
13) Acrolein	3.641	56	14460	229.922	ug/l	98
14) Allyl chloride	4.373	41	39035	47.188	ug/l #	83
15) Acrylonitrile	5.043	53	32393	255.786	ug/l	97
16) Acetone	3.860	43	40489	275.971	ug/l #	84
17) Carbon Disulfide	4.098	76	89174	48.500	ug/l	100
18) Methyl Acetate	4.379	43	16316	48.981	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	75303	49.499	ug/l	94
20) Methylene Chloride	4.604	84	34973	50.881	ug/l	90
21) trans-1,2-Dichloroethene	5.104	96	34604	50.565	ug/l	90
22) Diisopropyl ether	6.006	45	92704	51.407	ug/l #	86
23) Vinyl Acetate	5.952	43	403906	259.528	ug/l	93
24) 1,1-Dichloroethane	5.903	63	56210	50.809	ug/l	100
25) 2-Butanone	6.884	43	53126	273.774	ug/l	94
26) 2,2-Dichloropropane	6.878	77	49377	47.422	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	40703	49.710	ug/l	98
28) Bromochloromethane	7.238	49	26223	51.487	ug/l	94
29) Tetrahydrofuran	7.256	42	28351	247.775	ug/l	90
30) Chloroform	7.409	83	60870	51.436	ug/l	96
31) Cyclohexane	7.695	56	47446	50.677	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	56836	53.132	ug/l	96
36) 1,1-Dichloropropene	7.823	75	43930	50.288	ug/l	98
37) Ethyl Acetate	6.976	43	20346	50.956	ug/l #	76
38) Carbon Tetrachloride	7.811	117	53116	53.031	ug/l	93
39) Methylcyclohexane	9.103	83	59541	50.636	ug/l	99
40) Benzene	8.067	78	136657	52.614	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	11150	62.746	ug/l #	64
42) 1,2-Dichloroethane	8.146	62	34631	53.559	ug/l	99
43) Isopropyl Acetate	8.189	43	42052	51.787	ug/l #	89
44) Trichloroethene	8.860	130	38635	52.184	ug/l	96
45) 1,2-Dichloropropane	9.134	63	29851	51.363	ug/l	95
46) Dibromomethane	9.225	93	20320	54.112	ug/l	98
47) Bromodichloromethane	9.420	83	47437	53.981	ug/l	99
48) Methyl methacrylate	9.213	41	17683	49.848	ug/l #	80
49) 1,4-Dioxane	9.219	88	4381	987.476	ug/l #	99
51) 4-Methyl-2-Pentanone	9.994	43	108075	258.067	ug/l	87
52) Toluene	10.170	92	92667	53.710	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	41133	52.488	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	49866	53.569	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	24792	53.760	ug/l	97
56) Ethyl methacrylate	10.439	69	30684	49.141	ug/l #	68
57) 1,3-Dichloropropane	10.719	76	39410	51.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	79316	246.397	ug/l	96
59) 2-Hexanone	10.762	43	82253	273.802	ug/l	85
60) Dibromochloromethane	10.908	129	34749	56.203	ug/l	99
61) 1,2-Dibromoethane	11.018	107	23042	51.747	ug/l	97
64) Tetrachloroethene	10.646	164	38891	52.139	ug/l	98
65) Chlorobenzene	11.444	112	103222	52.835	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	35938	52.592	ug/l	99
67) Ethyl Benzene	11.518	91	174879	51.702	ug/l	94
68) m/p-Xylenes	11.627	106	147913	106.643	ug/l	90
69) o-Xylene	11.957	106	69240	54.089	ug/l	87
70) Styrene	11.969	104	113617	53.886	ug/l	97
71) Bromoform	12.133	173	20142	56.682	ug/l #	95
73) Isopropylbenzene	12.255	105	167278	50.865	ug/l	96
74) N-amyl acetate	12.072	43	37660	49.626	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.511	83	26876	50.641	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	16583m	49.131	ug/l	
77) Bromobenzene	12.536	156	40576	52.964	ug/l	88
78) n-propylbenzene	12.597	91	197971	50.861	ug/l	97
79) 2-Chlorotoluene	12.682	91	104440	51.828	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	133163	51.670	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	8397	51.264	ug/l	90
82) 4-Chlorotoluene	12.780	91	107171	51.947	ug/l	92
83) tert-Butylbenzene	12.999	119	125233	51.446	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	134619	51.491	ug/l	96
85) sec-Butylbenzene	13.182	105	180910	51.307	ug/l	97
86) p-Isopropyltoluene	13.298	119	161954	53.044	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	84220	53.816	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	79822	52.301	ug/l	99
89) n-Butylbenzene	13.621	91	139303	51.979	ug/l	98
90) Hexachloroethane	13.883	117	30686	53.264	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	66957	52.039	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3416	46.792	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	37728	53.251	ug/l	99
94) Hexachlorobutadiene	15.029	225	20923	53.848	ug/l	98
95) Naphthalene	15.151	128	63262	50.157	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	30977	50.939	ug/l	98

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

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