

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018282.D
 Acq On : 16 May 2024 11:44
 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 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 01:13:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	199012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80626	55.070	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.140%			
35) Dibromofluoromethane	7.710	113	91801	53.649	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.300%			
50) Toluene-d8	10.179	98	359524	53.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.483	95	111089	51.015	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	77101	48.852	ug/l	100
3) Chloromethane	2.107	50	107962	51.102	ug/l	96
4) Vinyl Chloride	2.247	62	132874	51.883	ug/l	98
5) Bromomethane	2.643	94	85160	47.880	ug/l	99
6) Chloroethane	2.790	64	86523	53.233	ug/l	99
7) Trichlorofluoromethane	3.119	101	147925	49.311	ug/l	94
8) Diethyl Ether	3.521	74	44704	45.268	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	90794	47.491	ug/l	99
10) Methyl Iodide	4.082	142	103449	46.337	ug/l	100
11) Tert butyl alcohol	4.936	59	34244	266.920	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	93007	48.325	ug/l	96
13) Acrolein	3.723	56	30097	209.632	ug/l	96
14) Allyl chloride	4.472	41	121006	49.422	ug/l	97
15) Acrylonitrile	5.149	53	93509	246.227	ug/l	99
16) Acetone	3.936	43	83828	286.916	ug/l	94
17) Carbon Disulfide	4.186	76	249259	47.573	ug/l	98
18) Methyl Acetate	4.466	43	37659	45.249	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	204069	47.599	ug/l	99
20) Methylene Chloride	4.710	84	99034	47.956	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	97909	47.991	ug/l	95
22) Diisopropyl ether	6.112	45	249030	47.947	ug/l	96
23) Vinyl Acetate	6.051	43	771524	244.398	ug/l	98
24) 1,1-Dichloroethane	6.009	63	154899	48.421	ug/l	99
25) 2-Butanone	6.984	43	120136	257.233	ug/l	93
26) 2,2-Dichloropropane	6.978	77	144220	49.811	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	113532	47.089	ug/l	98
28) Bromochloromethane	7.325	49	62690	49.030	ug/l	99
29) Tetrahydrofuran	7.344	42	73031	236.896	ug/l	95
30) Chloroform	7.502	83	160093	47.937	ug/l	99
31) Cyclohexane	7.783	56	137339	48.140	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	148345	49.559	ug/l	98
36) 1,1-Dichloropropene	7.917	75	117986	48.098	ug/l	98
37) Ethyl Acetate	7.069	43	51631	50.008	ug/l	97
38) Carbon Tetrachloride	7.899	117	132532	49.446	ug/l	99
39) Methylcyclohexane	9.185	83	165876	46.872	ug/l	98
40) Benzene	8.155	78	378714	47.996	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	26716	44.810	ug/l	96
42) 1,2-Dichloroethane	8.234	62	84827	49.410	ug/l	97
43) Isopropyl Acetate	8.264	43	103810	49.053	ug/l	94
44) Trichloroethene	8.941	130	102109	47.537	ug/l	91
45) 1,2-Dichloropropane	9.215	63	81306	47.132	ug/l	100
46) Dibromomethane	9.301	93	47659	48.058	ug/l	99
47) Bromodichloromethane	9.496	83	118776	48.447	ug/l	98
48) Methyl methacrylate	9.289	41	47754	49.235	ug/l	91
49) 1,4-Dioxane	9.295	88	11358	862.829	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	261696	246.035	ug/l	95
52) Toluene	10.240	92	239728	47.193	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	109551	47.839	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	133805	47.800	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	64472	47.325	ug/l	97
56) Ethyl methacrylate	10.508	69	85981	46.471	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	108005	48.712	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	212717	240.769	ug/l	96
59) 2-Hexanone	10.831	43	190386	255.994	ug/l	93
60) Dibromochloromethane	10.983	129	84202	47.639	ug/l	99
61) 1,2-Dibromoethane	11.087	107	60188	46.906	ug/l	100
64) Tetrachloroethene	10.721	164	93549	50.325	ug/l	98
65) Chlorobenzene	11.514	112	263518	46.343	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	85165	46.303	ug/l	100
67) Ethyl Benzene	11.593	91	456304	47.527	ug/l	96
68) m/p-Xylenes	11.703	106	358646	94.463	ug/l	98
69) o-Xylene	12.032	106	171161	46.976	ug/l	96
70) Styrene	12.044	104	282388	46.409	ug/l	99
71) Bromoform	12.209	173	44340	43.569	ug/l #	100
73) Isopropylbenzene	12.331	105	440826	47.219	ug/l	98
74) N-amyl acetate	12.142	43	92406	47.682	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	66535	44.677	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	48129m	48.290	ug/l	
77) Bromobenzene	12.611	156	97513	45.467	ug/l	96
78) n-propylbenzene	12.672	91	515948	47.514	ug/l	98
79) 2-Chlorotoluene	12.757	91	277295	45.954	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	344172	46.753	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23975	46.346	ug/l	97
82) 4-Chlorotoluene	12.855	91	276132	45.558	ug/l	96
83) tert-Butylbenzene	13.074	119	321224	47.308	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	341872	47.409	ug/l	99
85) sec-Butylbenzene	13.251	105	467125	46.900	ug/l	99
86) p-Isopropyltoluene	13.367	119	385522	47.052	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	190727	46.049	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	187837	46.520	ug/l	98
89) n-Butylbenzene	13.696	91	351064	47.343	ug/l	98
90) Hexachloroethane	13.958	117	72730	45.245	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	166972	46.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9452	46.612	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	93585	46.761	ug/l	99
94) Hexachlorobutadiene	15.111	225	48757	44.154	ug/l	95
95) Naphthalene	15.239	128	173185	47.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	77758	47.343	ug/l	99

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

