

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019436.D
 Acq On : 03 Sep 2024 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

Quant Time: Sep 04 01:37:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	133919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	207850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	129194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	77973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	63971	50.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.860%			
35) Dibromofluoromethane	7.628	113	64549	49.120	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.109	98	194370	40.180	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 80.360%			
62) 4-Bromofluorobenzene	12.408	95	54687	34.952	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 69.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50363	46.153	ug/l	96
3) Chloromethane	2.068	50	85100	47.936	ug/l	100
4) Vinyl Chloride	2.202	62	97762	47.996	ug/l	96
5) Bromomethane	2.592	94	66885	51.263	ug/l	99
6) Chloroethane	2.732	64	55783	44.967	ug/l	99
7) Trichlorofluoromethane	3.056	101	115554	47.926	ug/l	99
8) Diethyl Ether	3.452	74	33469	58.774	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	64785	47.331	ug/l	96
10) Methyl Iodide	4.001	142	79576	59.642	ug/l	94
11) Tert butyl alcohol	4.848	59	20246	283.202	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	63623	50.968	ug/l	95
13) Acrolein	3.647	56	17332	207.890	ug/l	92
14) Allyl chloride	4.379	41	90566	52.549	ug/l	92
15) Acrylonitrile	5.055	53	71413	306.973	ug/l	98
16) Acetone	3.866	43	70251	281.578	ug/l	88
17) Carbon Disulfide	4.098	76	194384	53.939	ug/l	100
18) Methyl Acetate	4.372	43	32576	59.145	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	163383	57.409	ug/l	99
20) Methylene Chloride	4.610	84	72571	52.828	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	72280	50.838	ug/l	98
22) Diisopropyl ether	6.012	45	204575	52.761	ug/l	95
23) Vinyl Acetate	5.951	43	606732	281.142	ug/l	95
24) 1,1-Dichloroethane	5.909	63	121363	51.794	ug/l	99
25) 2-Butanone	6.890	43	98459	295.037	ug/l	91
26) 2,2-Dichloropropane	6.878	77	101585	49.773	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	86051	52.858	ug/l	97
28) Bromochloromethane	7.238	49	51374	53.364	ug/l	93
29) Tetrahydrofuran	7.256	42	61900	308.708	ug/l	90
30) Chloroform	7.415	83	134806	51.392	ug/l	98
31) Cyclohexane	7.701	56	104150	48.283	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	121870	50.063	ug/l	99
36) 1,1-Dichloropropene	7.829	75	93205	50.189	ug/l	99
37) Ethyl Acetate	6.982	43	42314	57.563	ug/l	97
38) Carbon Tetrachloride	7.817	117	111785	49.388	ug/l	98
39) Methylcyclohexane	9.109	83	122085	51.266	ug/l	96
40) Benzene	8.079	78	292156	51.694	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	24359	54.950	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	81723	54.488	ug/l	96
43) Isopropyl Acetate	8.195	43	83559	58.247	ug/l #	80
44) Trichloroethene	8.866	130	79451	51.185	ug/l	98
45) 1,2-Dichloropropane	9.140	63	64802	52.904	ug/l	97
46) Dibromomethane	9.231	93	40406	54.839	ug/l	98
47) Bromodichloromethane	9.426	83	105100	54.011	ug/l	99
48) Methyl methacrylate	9.219	41	39116	57.673	ug/l	89
49) 1,4-Dioxane	9.231	88	8939	1107.362	ug/l #	99
51) 4-Methyl-2-Pentanone	9.999	43	180897	240.809	ug/l	93
52) Toluene	10.170	92	160390	43.289	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	61196	38.076	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	80869	42.494	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	38070	40.505	ug/l	97
56) Ethyl methacrylate	10.438	69	51132	41.878	ug/l #	86
57) 1,3-Dichloropropane	10.719	76	62410	40.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	129720	236.980	ug/l	97
59) 2-Hexanone	10.762	43	111923	224.676	ug/l	93
60) Dibromochloromethane	10.914	129	49459	38.597	ug/l	99
61) 1,2-Dibromoethane	11.018	107	35582	41.093	ug/l	99
64) Tetrachloroethene	10.646	164	58479	46.344	ug/l	97
65) Chlorobenzene	11.444	112	148283	51.301	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	50448	50.333	ug/l	98
67) Ethyl Benzene	11.517	91	255410	50.542	ug/l	97
68) m/p-Xylenes	11.627	106	208223	104.140	ug/l	96
69) o-Xylene	11.956	106	96026	51.561	ug/l	99
70) Styrene	11.969	104	167542	54.978	ug/l	98
71) Bromoform	12.133	173	28786	54.033	ug/l #	99
73) Isopropylbenzene	12.255	105	248486	39.967	ug/l	100
74) N-amyl acetate	12.072	43	55902	46.759	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	44262	47.901	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	31748m	46.364	ug/l	
77) Bromobenzene	12.529	156	59041	40.304	ug/l	99
78) n-propylbenzene	12.597	91	300259	39.970	ug/l	99
79) 2-Chlorotoluene	12.682	91	167280	39.970	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	204192	41.683	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	13474	48.682	ug/l	91
82) 4-Chlorotoluene	12.779	91	176040	41.580	ug/l	98
83) tert-Butylbenzene	12.999	119	183617	40.983	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	208229	44.275	ug/l	100
85) sec-Butylbenzene	13.176	105	281364	42.850	ug/l	99
86) p-Isopropyltoluene	13.292	119	241929	45.231	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	126281	46.861	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	151604	56.383	ug/l	98
89) n-Butylbenzene	13.615	91	291602	59.336	ug/l	99
90) Hexachloroethane	13.877	117	63452	58.520	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	148165	62.294	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8735	67.463	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	82737	67.702	ug/l	99
94) Hexachlorobutadiene	15.023	225	44700	49.973	ug/l	99
95) Naphthalene	15.145	128	150227	75.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	70918	67.825	ug/l	99

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

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