

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019320.D
 Acq On : 28 Aug 2024 07:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 08:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	114894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	192060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	139481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	87088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	64379	55.898	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.800%			
35) Dibromofluoromethane	7.628	113	64578	51.424	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.840%			
50) Toluene-d8	10.103	98	227505	50.342	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.408	95	60255	39.112	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 78.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	37756	44.790	ug/l	97
3) Chloromethane	2.068	50	69652	45.841	ug/l	99
4) Vinyl Chloride	2.202	62	79914	42.580	ug/l	96
5) Bromomethane	2.592	94	57897	50.594	ug/l	98
6) Chloroethane	2.732	64	48973	40.235	ug/l	99
7) Trichlorofluoromethane	3.043	101	94954	33.464	ug/l	99
8) Diethyl Ether	3.446	74	29340	47.904	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.805	101	55476	43.978	ug/l	96
10) Methyl Iodide	3.994	142	69323	56.066	ug/l	94
11) Tert butyl alcohol	4.836	59	24145	245.239	ug/l #	97
12) 1,1-Dichloroethene	3.781	96	53753	46.902	ug/l	88
13) Acrolein	3.635	56	9838	102.075	ug/l	99
14) Allyl chloride	4.372	41	77056	50.570	ug/l	90
15) Acrylonitrile	5.037	53	67787	270.491	ug/l	98
16) Acetone	3.854	43	50390	235.919	ug/l #	86
17) Carbon Disulfide	4.098	76	145140	44.900	ug/l #	95
18) Methyl Acetate	4.372	43	39606	60.418	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	149898	53.949	ug/l	96
20) Methylene Chloride	4.604	84	84543	67.266	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	63785	49.816	ug/l	94
22) Diisopropyl ether	6.006	45	200469	57.470	ug/l #	93
23) Vinyl Acetate	5.945	43	694618	251.520	ug/l	95
24) 1,1-Dichloroethane	5.903	63	111290	52.170	ug/l	99
25) 2-Butanone	6.884	43	88515	257.325	ug/l #	84
26) 2,2-Dichloropropane	6.878	77	70691	40.922	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	78179	51.883	ug/l	99
28) Bromochloromethane	7.238	49	51525	57.580	ug/l	94
29) Tetrahydrofuran	7.250	42	61388	277.623	ug/l	88
30) Chloroform	7.415	83	129013	54.275	ug/l	99
31) Cyclohexane	7.695	56	85557	52.114	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	113342	54.257	ug/l	98
36) 1,1-Dichloropropene	7.829	75	83642	48.504	ug/l	99
37) Ethyl Acetate	6.976	43	40552	53.078	ug/l	97
38) Carbon Tetrachloride	7.811	117	98953	49.515	ug/l	95
39) Methylcyclohexane	9.103	83	101589	45.907	ug/l	96
40) Benzene	8.073	78	276197	52.223	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	20279	48.630	ug/l	94
42) 1,2-Dichloroethane	8.152	62	77656	54.374	ug/l	96
43) Isopropyl Acetate	8.189	43	80483	52.088	ug/l #	79
44) Trichloroethene	8.859	130	73840	50.037	ug/l	96
45) 1,2-Dichloropropane	9.140	63	60136	51.034	ug/l	99
46) Dibromomethane	9.231	93	38250	50.048	ug/l	100
47) Bromodichloromethane	9.420	83	98627	52.599	ug/l	98
48) Methyl methacrylate	9.219	41	36483	52.981	ug/l	87
49) 1,4-Dioxane	9.219	88	9050	977.519	ug/l #	99
51) 4-Methyl-2-Pentanone	9.999	43	206378	251.652	ug/l	94
52) Toluene	10.170	92	154738	44.572	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	57211	36.782	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	85925	45.934	ug/l #	88
55) 1,1,2-Trichloroethane	10.572	97	40906	41.576	ug/l	93
56) Ethyl methacrylate	10.438	69	53001	41.156	ug/l #	90
57) 1,3-Dichloropropane	10.719	76	83339	51.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	136466	223.373	ug/l	96
59) 2-Hexanone	10.761	43	135624	240.716	ug/l	92
60) Dibromochloromethane	10.914	129	63383	47.299	ug/l	97
61) 1,2-Dibromoethane	11.018	107	44629	46.931	ug/l	99
64) Tetrachloroethene	10.646	164	82200	67.423	ug/l	98
65) Chlorobenzene	11.444	112	161926	50.417	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	57442	50.858	ug/l	98
67) Ethyl Benzene	11.517	91	274772	49.291	ug/l	98
68) m/p-Xylenes	11.627	106	222091	100.407	ug/l	98
69) o-Xylene	11.956	106	99246	48.452	ug/l	96
70) Styrene	11.969	104	169336	48.479	ug/l	98
71) Bromoform	12.133	173	30490	47.224	ug/l #	98
73) Isopropylbenzene	12.255	105	250483	37.526	ug/l	99
74) N-amyl acetate	12.072	43	52969	36.392	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	43909	36.950	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	34149m	39.761	ug/l	
77) Bromobenzene	12.536	156	63386	39.541	ug/l	96
78) n-propylbenzene	12.597	91	319695	40.065	ug/l	97
79) 2-Chlorotoluene	12.682	91	233087	52.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	279893	51.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	10892	31.321	ug/l	94
82) 4-Chlorotoluene	12.779	91	242936	52.197	ug/l	99
83) tert-Butylbenzene	12.999	119	250070	49.799	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	280513	51.760	ug/l	100
85) sec-Butylbenzene	13.176	105	366285	50.054	ug/l	98
86) p-Isopropyltoluene	13.291	119	302654	50.352	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	158985	50.290	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	157067	49.981	ug/l	99
89) n-Butylbenzene	13.621	91	267215	48.761	ug/l	99
90) Hexachloroethane	13.883	117	60303	50.899	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	140661	50.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8736	49.973	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	74968	47.811	ug/l	99
94) Hexachlorobutadiene	15.029	225	41478	50.786	ug/l	98
95) Naphthalene	15.145	128	137774	49.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	65231	49.325	ug/l	99

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

