

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019952.D
 Acq On : 18 Oct 2024 15:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024

Quant Time: Oct 19 01:36:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	216048	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	394615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	349895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	157055	59.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.080%			
35) Dibromofluoromethane	7.640	113	147245	56.545	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.100%			
50) Toluene-d8	10.109	98	534657	55.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.408	95	196583	56.576	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 113.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	84587	42.057	ug/l	99
3) Chloromethane	2.074	50	141546	54.073	ug/l	98
4) Vinyl Chloride	2.208	62	158209	54.923	ug/l	98
5) Bromomethane	2.598	94	104096	57.093	ug/l	98
6) Chloroethane	2.745	64	113403	58.602	ug/l	95
7) Trichlorofluoromethane	3.062	101	229034	53.435	ug/l	99
8) Diethyl Ether	3.458	74	73711	56.584	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.824	101	136965	54.936	ug/l	89
10) Methyl Iodide	4.007	142	130160	51.619	ug/l #	89
11) Tert butyl alcohol	4.860	59	49720	229.242	ug/l #	97
12) 1,1-Dichloroethene	3.793	96	121957	52.618	ug/l #	82
13) Acrolein	3.653	56	29485	150.841	ug/l	98
14) Allyl chloride	4.391	41	241554	57.761	ug/l #	89
15) Acrylonitrile	5.067	53	182358	306.054	ug/l	97
16) Acetone	3.873	43	191686	276.807	ug/l #	82
17) Carbon Disulfide	4.110	76	286822	46.169	ug/l	98
18) Methyl Acetate	4.391	43	103336	69.272	ug/l #	86
19) Methyl tert-butyl Ether	5.122	73	388473	58.340	ug/l	99
20) Methylene Chloride	4.622	84	151122	59.210	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	141758	56.195	ug/l	87
22) Diisopropyl ether	6.025	45	588755	64.634	ug/l	91
23) Vinyl Acetate	5.970	43	1543749	295.621	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	309716	61.166	ug/l	98
25) 2-Butanone	6.896	43	272975	294.497	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	241053	53.455	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	186093	59.695	ug/l	83
28) Bromochloromethane	7.250	49	137225	61.572	ug/l #	71
29) Tetrahydrofuran	7.268	42	161560	305.262	ug/l #	81
30) Chloroform	7.427	83	324068	62.784	ug/l	99
31) Cyclohexane	7.707	56	228155	51.330	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	266442	58.902	ug/l #	93
36) 1,1-Dichloropropene	7.841	75	205497	54.776	ug/l	94
37) Ethyl Acetate	6.988	43	111356	56.924	ug/l	96
38) Carbon Tetrachloride	7.823	117	217886	54.176	ug/l	99
39) Methylcyclohexane	9.109	83	240665	50.913	ug/l #	86
40) Benzene	8.085	78	655260	57.713	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	63596	60.067	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	194370	59.589	ug/l	95
43) Isopropyl Acetate	8.201	43	227914	57.128	ug/l #	88
44) Trichloroethene	8.866	130	147576	53.666	ug/l	92
45) 1,2-Dichloropropane	9.140	63	170800	60.103	ug/l	96
46) Dibromomethane	9.231	93	89182	57.439	ug/l	88
47) Bromodichloromethane	9.426	83	251597	61.050	ug/l	97
48) Methyl methacrylate	9.219	41	107101	61.030	ug/l #	78
49) 1,4-Dioxane	9.231	88	20241	1164.781	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	617010	303.214	ug/l	88
52) Toluene	10.170	92	412821	58.250	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	210970	56.895	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	249987	57.135	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	120820	59.063	ug/l	94
56) Ethyl methacrylate	10.438	69	174464	59.438	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	215804	60.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	383552	280.694	ug/l	91
59) 2-Hexanone	10.762	43	420771	289.510	ug/l	86
60) Dibromochloromethane	10.914	129	152978	58.265	ug/l	100
61) 1,2-Dibromoethane	11.012	107	107606	58.212	ug/l	95
64) Tetrachloroethene	10.646	164	128524	51.642	ug/l	95
65) Chlorobenzene	11.444	112	447691	55.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	156082	57.644	ug/l	99
67) Ethyl Benzene	11.518	91	817461	56.231	ug/l	99
68) m/p-Xylenes	11.627	106	598774	111.523	ug/l	90
69) o-Xylene	11.956	106	291324	56.473	ug/l	91
70) Styrene	11.969	104	504208	57.933	ug/l	95
71) Bromoform	12.133	173	79771	55.033	ug/l #	97
73) Isopropylbenzene	12.255	105	794072	54.699	ug/l	97
74) N-amyl acetate	12.072	43	205197	53.367	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	148136	57.427	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	81986m	24.249	ug/l	
77) Bromobenzene	12.530	156	164191	53.298	ug/l	82
78) n-propylbenzene	12.597	91	977980	55.752	ug/l	96
79) 2-Chlorotoluene	12.682	91	547672	54.460	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	635372	54.194	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	43370	51.776	ug/l #	80
82) 4-Chlorotoluene	12.780	91	565848	55.029	ug/l	94
83) tert-Butylbenzene	12.999	119	583377	55.544	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	633700	54.518	ug/l	96
85) sec-Butylbenzene	13.176	105	869896	55.435	ug/l	97
86) p-Isopropyltoluene	13.292	119	685311	53.782	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	327749	52.683	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	320768	52.484	ug/l	97
89) n-Butylbenzene	13.615	91	677190	54.426	ug/l	98
90) Hexachloroethane	13.877	117	136721	55.102	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	293436	53.680	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21295	51.727	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	149030	48.621	ug/l	98
94) Hexachlorobutadiene	15.023	225	81554	47.857	ug/l	98
95) Naphthalene	15.145	128	294834	51.000	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	127034	49.028	ug/l	98

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

