

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020046.D
 Acq On : 28 Oct 2024 18:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 02:01:25 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	185699	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	331101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	118948	52.022	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.040%			
35) Dibromofluoromethane	7.634	113	113203	51.811	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.620%			
50) Toluene-d8	10.109	98	399869	49.559	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.407	95	148467	50.925	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	71266	41.225	ug/l	99
3) Chloromethane	2.074	50	110236	48.995	ug/l	100
4) Vinyl Chloride	2.208	62	125756	50.792	ug/l	100
5) Bromomethane	2.598	94	81862	52.236	ug/l	92
6) Chloroethane	2.738	64	91684	55.121	ug/l	95
7) Trichlorofluoromethane	3.062	101	183819	49.895	ug/l	96
8) Diethyl Ether	3.458	74	57753	51.579	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.824	101	109406	51.054	ug/l	91
10) Methyl Iodide	4.007	142	99415	45.870	ug/l	91
11) Tert butyl alcohol	4.878	59	39398	209.863	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	97059	48.720	ug/l #	80
13) Acrolein	3.659	56	16993	101.142	ug/l	99
14) Allyl chloride	4.385	41	190615	53.030	ug/l #	89
15) Acrylonitrile	5.061	53	139043	271.496	ug/l	96
16) Acetone	3.872	43	149951	251.928	ug/l #	82
17) Carbon Disulfide	4.110	76	211083	39.530	ug/l	99
18) Methyl Acetate	4.391	43	76092	59.345	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	302528	52.858	ug/l	97
20) Methylene Chloride	4.622	84	120624	54.927	ug/l #	84
21) trans-1,2-Dichloroethene	5.122	96	110393	50.914	ug/l #	83
22) Diisopropyl ether	6.024	45	461087	58.891	ug/l #	93
23) Vinyl Acetate	5.963	43	1225656	273.066	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	247294	56.820	ug/l	96
25) 2-Butanone	6.896	43	208149	261.260	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	200133	51.634	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	146897	54.823	ug/l	81
28) Bromochloromethane	7.250	49	102656	53.589	ug/l #	71
29) Tetrahydrofuran	7.262	42	122430	269.133	ug/l #	81
30) Chloroform	7.421	83	255457	57.580	ug/l	98
31) Cyclohexane	7.701	56	180134	47.150	ug/l	85
32) 1,1,1-Trichloroethane	7.622	97	213723	54.969	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	168488	53.527	ug/l	93
37) Ethyl Acetate	6.988	43	86770	52.865	ug/l	96
38) Carbon Tetrachloride	7.817	117	179204	53.106	ug/l	98
39) Methylcyclohexane	9.109	83	191700	48.334	ug/l #	86
40) Benzene	8.085	78	519265	54.508	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	48526	54.625	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	149983	54.802	ug/l	95
43) Isopropyl Acetate	8.201	43	175019	52.285	ug/l #	76
44) Trichloroethene	8.865	130	118300	51.272	ug/l	84
45) 1,2-Dichloropropane	9.140	63	134453	56.389	ug/l	99
46) Dibromomethane	9.231	93	69488	53.340	ug/l	90
47) Bromodichloromethane	9.426	83	197480	57.110	ug/l	93
48) Methyl methacrylate	9.225	41	79632	54.082	ug/l #	81
49) 1,4-Dioxane	9.231	88	15386	1055.240	ug/l #	98
51) 4-Methyl-2-Pentanone	9.999	43	482250	282.451	ug/l	87
52) Toluene	10.170	92	330603	55.597	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	163865	52.669	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	200143	54.518	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	97136	56.594	ug/l	99
56) Ethyl methacrylate	10.438	69	133750	54.308	ug/l #	72
57) 1,3-Dichloropropane	10.719	76	166589	55.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	265178	231.291	ug/l	92
59) 2-Hexanone	10.761	43	333194	273.230	ug/l	86
60) Dibromochloromethane	10.908	129	119023	54.028	ug/l	99
61) 1,2-Dibromoethane	11.017	107	83822	54.044	ug/l	94
64) Tetrachloroethene	10.646	164	103719	50.036	ug/l	94
65) Chlorobenzene	11.438	112	354113	53.124	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	122391	54.270	ug/l	99
67) Ethyl Benzene	11.517	91	657971	54.339	ug/l	100
68) m/p-Xylenes	11.627	106	478839	107.076	ug/l	92
69) o-Xylene	11.956	106	228504	53.182	ug/l	90
70) Styrene	11.969	104	398954	55.035	ug/l	96
71) Bromoform	12.133	173	62815	52.029	ug/l #	97
73) Isopropylbenzene	12.255	105	630232	52.506	ug/l	99
74) N-amyl acetate	12.072	43	161178	50.699	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	116387	54.570	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	83114m	29.731	ug/l	
77) Bromobenzene	12.529	156	127002	49.861	ug/l	82
78) n-propylbenzene	12.596	91	777682	53.620	ug/l	96
79) 2-Chlorotoluene	12.682	91	434275	52.229	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	501575	51.743	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	34280	49.496	ug/l #	81
82) 4-Chlorotoluene	12.779	91	447053	52.583	ug/l	94
83) tert-Butylbenzene	12.999	119	465420	53.596	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	505623	52.611	ug/l	95
85) sec-Butylbenzene	13.176	105	689979	53.180	ug/l	97
86) p-Isopropyltoluene	13.291	119	549235	52.131	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	258904	50.334	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	254471	50.358	ug/l	97
89) n-Butylbenzene	13.615	91	546880	53.160	ug/l	98
90) Hexachloroethane	13.883	117	108343	52.812	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	226862	50.195	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16682	49.010	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	116135	45.825	ug/l	96
94) Hexachlorobutadiene	15.023	225	65385	46.406	ug/l	98
95) Naphthalene	15.145	128	222876	46.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	97602	45.559	ug/l	97

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

