

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011249.D
 Acq On : 02 Nov 2022 09:42
 Operator : KP/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 :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 13:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	243488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121024	46.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.940%		
35) Dibromofluoromethane	7.709	113	124157	50.039	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.080%		
50) Toluene-d8	10.178	98	470992	48.891	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.780%		
62) 4-Bromofluorobenzene	12.477	95	169653	50.728	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	92885	48.108	ug/l	99
3) Chloromethane	2.113	50	128742	47.683	ug/l	100
4) Vinyl Chloride	2.247	62	143862	47.700	ug/l	100
5) Bromomethane	2.643	94	99203	49.304	ug/l	99
6) Chloroethane	2.790	64	94442	48.731	ug/l	99
7) Trichlorofluoromethane	3.125	101	216981	48.698	ug/l	94
8) Diethyl Ether	3.527	74	78661	49.201	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	133199	49.723	ug/l	94
10) Methyl Iodide	4.088	142	174585	50.629	ug/l	91
11) Tert butyl alcohol	4.948	59	63746	237.320	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	133604	50.444	ug/l	83
13) Acrolein	3.722	56	47078	345.322	ug/l	98
14) Allyl chloride	4.472	41	200226	49.908	ug/l #	85
15) Acrylonitrile	5.155	53	200644	250.102	ug/l	97
16) Acetone	3.942	43	213434	271.516	ug/l #	82
17) Carbon Disulfide	4.192	76	424848	48.838	ug/l	100
18) Methyl Acetate	4.472	43	95215	45.752	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	360241	51.184	ug/l	96
20) Methylene Chloride	4.710	84	155627	48.232	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	153795	51.053	ug/l	87
22) Diisopropyl ether	6.112	45	426569	51.283	ug/l #	92
23) Vinyl Acetate	6.051	43	1323757	260.740	ug/l #	91
24) 1,1-Dichloroethane	6.008	63	261794	50.257	ug/l	98
25) 2-Butanone	6.978	43	272249	246.145	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	231325	48.566	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	171320	51.613	ug/l	87
28) Bromochloromethane	7.331	49	102358	51.156	ug/l #	82
29) Tetrahydrofuran	7.344	42	161722	251.160	ug/l #	83
30) Chloroform	7.502	83	267565	50.858	ug/l	100
31) Cyclohexane	7.783	56	232096	48.086	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	236543	50.691	ug/l	95
36) 1,1-Dichloropropene	7.917	75	209592	51.726	ug/l	97
37) Ethyl Acetate	7.069	43	107931	49.413	ug/l #	92
38) Carbon Tetrachloride	7.898	117	217251	51.681	ug/l	98
39) Methylcyclohexane	9.179	83	258801	52.500	ug/l	92
40) Benzene	8.154	78	611447	51.345	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	62212m	52.418	ug/l	
42) 1,2-Dichloroethane	8.234	62	165362	51.136	ug/l	91
43) Isopropyl Acetate	8.270	43	191936	49.875	ug/l #	87
44) Trichloroethene	8.935	130	165223	51.843	ug/l	96
45) 1,2-Dichloropropane	9.209	63	152160	51.683	ug/l	96
46) Dibromomethane	9.301	93	86245	51.847	ug/l	97
47) Bromodichloromethane	9.490	83	205843	52.201	ug/l	100
48) Methyl methacrylate	9.288	41	91872	51.975	ug/l #	78
49) 1,4-Dioxane	9.294	88	24423	1091.362	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	543308	259.648	ug/l #	86
52) Toluene	10.239	92	389267	52.717	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	215336	51.852	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	248463	52.287	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	122831	51.521	ug/l	99
56) Ethyl methacrylate	10.508	69	169873	53.943	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	210420	51.563	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	384960	260.752	ug/l	96
59) 2-Hexanone	10.831	43	400726	268.246	ug/l	83
60) Dibromochloromethane	10.983	129	147519	52.079	ug/l	99
61) 1,2-Dibromoethane	11.087	107	117639	51.974	ug/l	99
64) Tetrachloroethene	10.715	164	159169	53.017	ug/l	96
65) Chlorobenzene	11.514	112	412192	52.861	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	151382	52.726	ug/l	98
67) Ethyl Benzene	11.593	91	740286	53.520	ug/l	99
68) m/p-Xylenes	11.703	106	578061	107.661	ug/l	95
69) o-Xylene	12.026	106	273375	54.316	ug/l	94
70) Styrene	12.044	104	467736	54.820	ug/l	95
71) Bromoform	12.209	173	93957	52.651	ug/l #	100
73) Isopropylbenzene	12.331	105	714187	53.186	ug/l	100
74) N-amyl acetate	12.142	43	173767	51.552	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.580	83	140985	50.738	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	106675m	48.789	ug/l	
77) Bromobenzene	12.605	156	167064	52.892	ug/l	98
78) n-propylbenzene	12.672	91	867516	52.797	ug/l	98
79) 2-Chlorotoluene	12.751	91	491678	52.225	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	607416	53.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	51498	50.407	ug/l #	83
82) 4-Chlorotoluene	12.855	91	511794	52.752	ug/l	99
83) tert-Butylbenzene	13.074	119	517906	52.897	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	602141	53.580	ug/l	99
85) sec-Butylbenzene	13.251	105	775241	53.405	ug/l	100
86) p-Isopropyltoluene	13.367	119	648989	53.638	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	330645	52.206	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	330737	52.068	ug/l	98
89) n-Butylbenzene	13.696	91	600405	53.140	ug/l	99
90) Hexachloroethane	13.958	117	124210	51.331	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	297280	52.548	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23656	49.697	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	182605	53.404	ug/l	99
94) Hexachlorobutadiene	15.110	225	103418	51.944	ug/l	99
95) Naphthalene	15.232	128	385610	48.372	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	159611	53.116	ug/l	99

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

