

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011628.D
 Acq On : 29 Nov 2022 17:31
 Operator : KP/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 :Krupa Patel 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022

Quant Time: Nov 30 04:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98198	52.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.600%			
35) Dibromofluoromethane	7.722	113	95061	53.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.440%			
50) Toluene-d8	10.179	98	326368	50.279	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.560%			
62) 4-Bromofluorobenzene	12.483	95	126998	52.916	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43180	42.815	ug/l	99
3) Chloromethane	2.113	50	68859	43.654	ug/l	97
4) Vinyl Chloride	2.253	62	77823	37.564	ug/l	97
5) Bromomethane	2.650	94	54023	40.052	ug/l	100
6) Chloroethane	2.796	64	54670	37.822	ug/l	98
7) Trichlorofluoromethane	3.125	101	135369	44.545	ug/l	96
8) Diethyl Ether	3.527	74	48613	49.496	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	81493	46.375	ug/l	95
10) Methyl Iodide	4.094	142	96298	47.036	ug/l	96
11) Tert butyl alcohol	4.954	59	51948	258.917	ug/l	97
12) 1,1-Dichloroethene	3.875	96	74771	46.451	ug/l	90
13) Acrolein	3.729	56	11278	229.973	ug/l	92
14) Allyl chloride	4.485	41	137256	48.574	ug/l	92
15) Acrylonitrile	5.161	53	146984	273.994	ug/l	98
16) Acetone	3.948	43	155891	258.045	ug/l	92
17) Carbon Disulfide	4.198	76	195140	43.741	ug/l	99
18) Methyl Acetate	4.479	43	74663	53.637	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	244726	53.272	ug/l	98
20) Methylene Chloride	4.716	84	109786	48.141	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	87466	47.022	ug/l	94
22) Diisopropyl ether	6.118	45	315893	51.214	ug/l	97
23) Vinyl Acetate	6.064	43	979888	272.725	ug/l	96
24) 1,1-Dichloroethane	6.021	63	172462	47.621	ug/l	98
25) 2-Butanone	6.984	43	211254	266.079	ug/l	91
26) 2,2-Dichloropropane	6.984	77	155797	46.612	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	106640	48.697	ug/l	94
28) Bromochloromethane	7.338	49	79235	54.461	ug/l	92
29) Tetrahydrofuran	7.350	42	125763	280.488	ug/l	93
30) Chloroform	7.508	83	182439	48.577	ug/l	100
31) Cyclohexane	7.789	56	139071	45.112	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	158585	47.202	ug/l	97
36) 1,1-Dichloropropene	7.917	75	128607	46.059	ug/l	99
37) Ethyl Acetate	7.076	43	82341	51.788	ug/l	95
38) Carbon Tetrachloride	7.905	117	143155	45.826	ug/l	96
39) Methylcyclohexane	9.185	83	145941	46.836	ug/l	94
40) Benzene	8.161	78	379578	46.668	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	34833m	43.330	ug/l	
42) 1,2-Dichloroethane	8.240	62	118997	47.307	ug/l	94
43) Isopropyl Acetate	8.277	43	148277	51.695	ug/l	94
44) Trichloroethene	8.941	130	101560	46.409	ug/l	96
45) 1,2-Dichloropropane	9.215	63	100170	48.182	ug/l	96
46) Dibromomethane	9.307	93	56696	48.773	ug/l	96
47) Bromodichloromethane	9.496	83	140412	47.954	ug/l	99
48) Methyl methacrylate	9.295	41	68616	53.858	ug/l	89
49) 1,4-Dioxane	9.295	88	15586	1082.673	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	433331	271.770	ug/l	93
52) Toluene	10.246	92	243219	47.288	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	142871	48.813	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	160458	48.732	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	82087	49.359	ug/l	98
56) Ethyl methacrylate	10.508	69	112051	54.174	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	138601	49.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	296065	292.270	ug/l	98
59) 2-Hexanone	10.831	43	312722	274.796	ug/l	91
60) Dibromochloromethane	10.983	129	100011	49.071	ug/l	100
61) 1,2-Dibromoethane	11.093	107	76033	50.087	ug/l	100
64) Tetrachloroethene	10.721	164	102043	46.834	ug/l	98
65) Chlorobenzene	11.520	112	260477	47.046	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	100759	48.016	ug/l	98
67) Ethyl Benzene	11.593	91	475645	47.579	ug/l	99
68) m/p-Xylenes	11.703	106	361580	95.015	ug/l	97
69) o-Xylene	12.032	106	174692	49.306	ug/l	96
70) Styrene	12.044	104	299465	49.516	ug/l	97
71) Bromoform	12.209	173	64843	50.792	ug/l #	99
73) Isopropylbenzene	12.331	105	471240	47.545	ug/l	99
74) N-amyl acetate	12.142	43	125701	51.357	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	96846	49.587	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	78372m	53.102	ug/l	
77) Bromobenzene	12.611	156	108842	47.029	ug/l	99
78) n-propylbenzene	12.672	91	570178	47.154	ug/l	99
79) 2-Chlorotoluene	12.758	91	322223	47.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	398546	47.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	34053	50.538	ug/l	92
82) 4-Chlorotoluene	12.855	91	333203	46.757	ug/l	99
83) tert-Butylbenzene	13.075	119	346042	47.551	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	394643	47.825	ug/l	100
85) sec-Butylbenzene	13.251	105	515738	47.498	ug/l	100
86) p-Isopropyltoluene	13.367	119	431785	47.648	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	216572	45.970	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	213532	45.328	ug/l	99
89) n-Butylbenzene	13.696	91	400479	48.075	ug/l	99
90) Hexachloroethane	13.959	117	82824	45.261	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	196977	47.167	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16833	52.554	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	118027	50.954	ug/l	99
94) Hexachlorobutadiene	15.111	225	71508	49.663	ug/l	100
95) Naphthalene	15.239	128	249218	51.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	102703	51.737	ug/l	99

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

