

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011590.D
 Acq On : 28 Nov 2022 09:32
 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 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 00:23:27 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	187632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98017	51.447	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.900%			
35) Dibromofluoromethane	7.722	113	97411	53.370	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.740%			
50) Toluene-d8	10.178	98	338551	51.044	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.483	95	127976	52.187	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	51613	51.348	ug/l	100
3) Chloromethane	2.119	50	83910	52.852	ug/l	97
4) Vinyl Chloride	2.253	62	92210	43.449	ug/l	95
5) Bromomethane	2.649	94	64778	47.623	ug/l	97
6) Chloroethane	2.796	64	63687	43.011	ug/l	99
7) Trichlorofluoromethane	3.131	101	150923	48.482	ug/l	92
8) Diethyl Ether	3.533	74	53609	53.284	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	90668	50.369	ug/l	96
10) Methyl Iodide	4.094	142	110221	52.556	ug/l	94
11) Tert butyl alcohol	4.948	59	45156	214.557	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	83509	50.645	ug/l	91
13) Acrolein	3.734	56	9601	191.119	ug/l	99
14) Allyl chloride	4.484	41	154178	53.264	ug/l	92
15) Acrylonitrile	5.161	53	148297	269.865	ug/l	97
16) Acetone	3.942	43	173826	280.887	ug/l	93
17) Carbon Disulfide	4.198	76	226060	49.467	ug/l	99
18) Methyl Acetate	4.478	43	73249	51.260	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	262890	55.864	ug/l	97
20) Methylene Chloride	4.716	84	109744	46.644	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	98156	51.514	ug/l	94
22) Diisopropyl ether	6.118	45	345386	54.664	ug/l	95
23) Vinyl Acetate	6.057	43	1033461	280.792	ug/l	96
24) 1,1-Dichloroethane	6.015	63	192214	51.813	ug/l	99
25) 2-Butanone	6.984	43	212500	261.281	ug/l	93
26) 2,2-Dichloropropane	6.984	77	175012	51.115	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	118246	52.712	ug/l	93
28) Bromochloromethane	7.331	49	76969	51.645	ug/l	93
29) Tetrahydrofuran	7.350	42	119888	261.023	ug/l	93
30) Chloroform	7.508	83	201676	52.421	ug/l	98
31) Cyclohexane	7.783	56	154410	48.896	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	178241	51.791	ug/l	97
36) 1,1-Dichloropropene	7.917	75	142669	50.006	ug/l	99
37) Ethyl Acetate	7.069	43	82434	50.741	ug/l	97
38) Carbon Tetrachloride	7.904	117	158763	49.739	ug/l	98
39) Methylcyclohexane	9.185	83	161469	50.715	ug/l	94
40) Benzene	8.161	78	419394	50.464	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	44439m	54.101	ug/l	
42) 1,2-Dichloroethane	8.234	62	129121	50.237	ug/l	94
43) Isopropyl Acetate	8.270	43	145159	49.530	ug/l	93
44) Trichloroethene	8.941	130	111296	49.774	ug/l	97
45) 1,2-Dichloropropane	9.215	63	110553	52.043	ug/l	95
46) Dibromomethane	9.307	93	59446	50.049	ug/l	97
47) Bromodichloromethane	9.496	83	154747	51.723	ug/l	100
48) Methyl methacrylate	9.294	41	67343	51.732	ug/l #	87
49) 1,4-Dioxane	9.301	88	15349	1043.487	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	418243	256.717	ug/l	93
52) Toluene	10.245	92	268548	51.099	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	153531	51.337	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	174173	51.770	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	87258	51.350	ug/l	99
56) Ethyl methacrylate	10.508	69	115411	54.609	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	148255	51.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	274077	264.797	ug/l	98
59) 2-Hexanone	10.831	43	309239	265.944	ug/l	91
60) Dibromochloromethane	10.983	129	108193	51.954	ug/l	99
61) 1,2-Dibromoethane	11.087	107	78918	50.879	ug/l	100
64) Tetrachloroethene	10.721	164	111959	50.526	ug/l	98
65) Chlorobenzene	11.520	112	283826	50.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	111723	52.350	ug/l	98
67) Ethyl Benzene	11.593	91	525713	51.708	ug/l	100
68) m/p-Xylenes	11.703	106	399908	103.330	ug/l	98
69) o-Xylene	12.032	106	188702	52.370	ug/l	98
70) Styrene	12.044	104	324220	52.713	ug/l	98
71) Bromoform	12.209	173	66794	51.445	ug/l #	98
73) Isopropylbenzene	12.330	105	517406	53.827	ug/l	99
74) N-amyl acetate	12.148	43	126016	53.088	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.580	83	97220	51.327	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	64888m	45.333	ug/l	
77) Bromobenzene	12.611	156	117373	52.293	ug/l	98
78) n-propylbenzene	12.672	91	623935	53.205	ug/l	100
79) 2-Chlorotoluene	12.757	91	349496	52.876	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	438010	54.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	34417	52.667	ug/l	91
82) 4-Chlorotoluene	12.855	91	358388	51.855	ug/l	100
83) tert-Butylbenzene	13.074	119	384328	54.455	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	429044	53.612	ug/l	99
85) sec-Butylbenzene	13.251	105	559839	53.163	ug/l	99
86) p-Isopropyltoluene	13.373	119	468210	53.275	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	231802	50.733	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	228340	49.979	ug/l	99
89) n-Butylbenzene	13.696	91	433187	53.619	ug/l	100
90) Hexachloroethane	13.964	117	90821	51.175	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	206599	51.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15700	50.542	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	121465	54.069	ug/l	98
94) Hexachlorobutadiene	15.110	225	75585	54.128	ug/l	99
95) Naphthalene	15.239	128	239871	50.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	105190	54.638	ug/l	99

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

