

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011656.D
 Acq On : 01 Dec 2022 12:44
 Operator : KP/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 03:18:50 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	7.795	168	188103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104411	54.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.340%			
35) Dibromofluoromethane	7.722	113	101000	54.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.640%			
50) Toluene-d8	10.179	98	347654	51.928	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.483	95	133289	53.848	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30471	26.815	ug/l	97
3) Chloromethane	2.113	50	34965	19.128	ug/l	96
4) Vinyl Chloride	2.253	62	38268	17.987	ug/l	97
5) Bromomethane	2.644	94	27135	17.373	ug/l	94
6) Chloroethane	2.790	64	25760	17.354	ug/l	99
7) Trichlorofluoromethane	3.125	101	66221	21.219	ug/l	98
8) Diethyl Ether	3.528	74	21658	21.473	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	37778	20.934	ug/l	95
10) Methyl Iodide	4.095	142	43473	20.677	ug/l	95
11) Tert butyl alcohol	4.948	59	32513	144.508	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	34883	21.102	ug/l	87
13) Acrolein	3.735	56	5322	105.676	ug/l	94
14) Allyl chloride	4.485	41	59698	20.572	ug/l	92
15) Acrylonitrile	5.161	53	58011	105.302	ug/l	97
16) Acetone	3.942	43	60078	96.838	ug/l	91
17) Carbon Disulfide	4.198	76	94041	20.527	ug/l	99
18) Methyl Acetate	4.479	43	33542	22.014	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	101103	21.431	ug/l	98
20) Methylene Chloride	4.723	84	63155	20.903	ug/l	85
21) trans-1,2-Dichloroethene	5.222	96	39514	20.686	ug/l	91
22) Diisopropyl ether	6.119	45	131636	20.782	ug/l	97
23) Vinyl Acetate	6.064	43	373863	101.324	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	76676	20.617	ug/l	98
25) 2-Butanone	6.990	43	82989	101.784	ug/l	91
26) 2,2-Dichloropropane	6.984	77	71388	20.798	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	46923	20.865	ug/l	95
28) Bromochloromethane	7.338	49	28831	19.297	ug/l	90
29) Tetrahydrofuran	7.350	42	46838	101.722	ug/l	93
30) Chloroform	7.509	83	80952	20.989	ug/l	98
31) Cyclohexane	7.789	56	63167	19.953	ug/l #	93
32) 1,1,1-Trichloroethane	7.704	97	71157	20.624	ug/l	97
36) 1,1-Dichloropropene	7.923	75	58204	20.211	ug/l	99
37) Ethyl Acetate	7.070	43	32589	19.873	ug/l	96
38) Carbon Tetrachloride	7.905	117	65295	20.266	ug/l	98
39) Methylcyclohexane	9.185	83	64190	19.973	ug/l	96
40) Benzene	8.161	78	171738	20.472	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16018m	19.319	ug/l	
42) 1,2-Dichloroethane	8.240	62	53046	20.447	ug/l	95
43) Isopropyl Acetate	8.277	43	58071	19.630	ug/l	92
44) Trichloroethene	8.941	130	45413	20.120	ug/l	99
45) 1,2-Dichloropropane	9.216	63	43639	20.352	ug/l	95
46) Dibromomethane	9.307	93	24242	20.220	ug/l	97
47) Bromodichloromethane	9.496	83	60840	20.146	ug/l	96
48) Methyl methacrylate	9.295	41	25738	19.588	ug/l #	87
49) 1,4-Dioxane	9.295	88	6328	426.198	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	160426	97.553	ug/l	93
52) Toluene	10.246	92	107645	20.292	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	60505	20.043	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	67908	19.996	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	34919	20.358	ug/l	96
56) Ethyl methacrylate	10.508	69	43055	20.183	ug/l #	84
57) 1,3-Dichloropropane	10.789	76	58907	20.278	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	105946	101.406	ug/l	97
59) 2-Hexanone	10.831	43	114160	97.263	ug/l	90
60) Dibromochloromethane	10.984	129	42209	20.080	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31610	20.190	ug/l	99
64) Tetrachloroethene	10.721	164	43992	19.843	ug/l	94
65) Chlorobenzene	11.514	112	115573	20.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44360	20.776	ug/l	98
67) Ethyl Benzene	11.593	91	206037	20.256	ug/l	99
68) m/p-Xylenes	11.703	106	157013	40.550	ug/l	98
69) o-Xylene	12.032	106	74356	20.626	ug/l	96
70) Styrene	12.044	104	126506	20.558	ug/l	97
71) Bromoform	12.209	173	26121	20.109	ug/l #	99
73) Isopropylbenzene	12.331	105	201976	20.403	ug/l	99
74) N-amyl acetate	12.142	43	47301	19.349	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	39839	20.423	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	31183m	21.154	ug/l	
77) Bromobenzene	12.611	156	46582	20.152	ug/l	98
78) n-propylbenzene	12.672	91	247308	20.477	ug/l	100
79) 2-Chlorotoluene	12.758	91	138948	20.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	174346	20.893	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13833	20.554	ug/l	91
82) 4-Chlorotoluene	12.855	91	144781	20.341	ug/l	100
83) tert-Butylbenzene	13.075	119	146894	20.209	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	170241	20.656	ug/l	99
85) sec-Butylbenzene	13.251	105	220904	20.369	ug/l	100
86) p-Isopropyltoluene	13.367	119	184680	20.404	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93149	19.796	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	93993	19.976	ug/l	98
89) n-Butylbenzene	13.697	91	169074	20.321	ug/l	99
90) Hexachloroethane	13.959	117	35637	19.498	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	84180	20.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6488	20.280	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	47709	20.621	ug/l	99
94) Hexachlorobutadiene	15.111	225	30729	21.367	ug/l	97
95) Naphthalene	15.233	128	89735	21.034	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	40835	20.595	ug/l	98

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

