

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009193.D
 Acq On : 16 Jun 2022 11:12
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 15:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96797	52.230	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.460%			
35) Dibromofluoromethane	7.716	113	95667	52.901	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.800%			
50) Toluene-d8	10.179	98	365862	53.147	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.300%			
62) 4-Bromofluorobenzene	12.477	95	133664	54.640	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29085	21.657	ug/l	94
3) Chloromethane	2.107	50	35717	21.466	ug/l	98
4) Vinyl Chloride	2.247	62	39299	22.501	ug/l	97
5) Bromomethane	2.637	94	26588	21.669	ug/l	97
6) Chloroethane	2.784	64	23717	21.701	ug/l	97
7) Trichlorofluoromethane	3.119	101	67939	24.352	ug/l	97
8) Diethyl Ether	3.521	74	21707	20.506	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	36707	21.398	ug/l	96
10) Methyl Iodide	4.082	142	39842	18.182	ug/l	90
11) Tert butyl alcohol	4.930	59	48967	166.540	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	35684	21.137	ug/l	84
13) Acrolein	3.723	56	7498	133.133	ug/l	99
14) Allyl chloride	4.472	41	64537	21.184	ug/l	94
15) Acrylonitrile	5.155	53	59782	105.586	ug/l	99
16) Acetone	3.942	43	48757	104.441	ug/l	90
17) Carbon Disulfide	4.186	76	106545	21.800	ug/l	98
18) Methyl Acetate	4.466	43	30148	20.261	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	104591	20.533	ug/l	99
20) Methylene Chloride	4.704	84	47841	21.104	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	42409	21.438	ug/l	95
22) Diisopropyl ether	6.112	45	141056	22.454	ug/l	95
23) Vinyl Acetate	6.051	43	437524	110.717	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	75911	21.386	ug/l	97
25) 2-Butanone	6.984	43	80053	108.366	ug/l	91
26) 2,2-Dichloropropane	6.978	77	69413	22.070	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	49755	21.446	ug/l	91
28) Bromochloromethane	7.326	49	30353	19.950	ug/l	93
29) Tetrahydrofuran	7.344	42	53196	108.453	ug/l	92
30) Chloroform	7.502	83	77653	21.268	ug/l	99
31) Cyclohexane	7.777	56	73056	22.006	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	68240	21.256	ug/l	98
36) 1,1-Dichloropropene	7.911	75	60323	21.685	ug/l	97
37) Ethyl Acetate	7.069	43	35209	21.269	ug/l	97
38) Carbon Tetrachloride	7.899	117	60768	21.126	ug/l	99
39) Methylcyclohexane	9.179	83	75034	22.373	ug/l	93
40) Benzene	8.155	78	181518	22.345	ug/l	94

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41) Methacrylonitrile	7.319	41	20970m	22.648	ug/l	
42) 1,2-Dichloroethane	8.234	62	51642	21.798	ug/l	94
43) Isopropyl Acetate	8.270	43	66243	21.635	ug/l	93
44) Trichloroethene	8.935	130	49777	21.437	ug/l	96
45) 1,2-Dichloropropane	9.215	63	44627	21.673	ug/l	97
46) Dibromomethane	9.301	93	25174	21.253	ug/l	97
47) Bromodichloromethane	9.496	83	59872	21.208	ug/l	98
48) Methyl methacrylate	9.289	41	28194	20.631	ug/l #	88
49) 1,4-Dioxane	9.295	88	6770	401.811	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	177686	110.325	ug/l	93
52) Toluene	10.240	92	116055	22.375	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	64414	21.752	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	72742	21.750	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	37101	22.134	ug/l	96
56) Ethyl methacrylate	10.508	69	50023	22.014	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	62873	21.957	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	105299	106.906	ug/l	97
59) 2-Hexanone	10.831	43	122462	110.837	ug/l	91
60) Dibromochloromethane	10.983	129	42706	20.810	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35421	21.682	ug/l	98
64) Tetrachloroethene	10.715	164	54087	21.756	ug/l	98
65) Chlorobenzene	11.514	112	124320	21.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44645	20.971	ug/l	97
67) Ethyl Benzene	11.593	91	218375	21.528	ug/l	99
68) m/p-Xylenes	11.697	106	173569	43.402	ug/l	92
69) o-Xylene	12.026	106	82982	21.900	ug/l	91
70) Styrene	12.044	104	136623	21.494	ug/l	96
71) Bromoform	12.209	173	29076	21.383	ug/l #	96
73) Isopropylbenzene	12.325	105	218117	22.384	ug/l	100
74) N-amyl acetate	12.142	43	57367	21.105	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	41037	21.278	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	31897m	22.313	ug/l	
77) Bromobenzene	12.605	156	50972	21.291	ug/l	96
78) n-propylbenzene	12.672	91	260846	22.124	ug/l	96
79) 2-Chlorotoluene	12.757	91	147897	22.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	182362	22.391	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	15832	22.071	ug/l #	83
82) 4-Chlorotoluene	12.855	91	151767	21.896	ug/l	97
83) tert-Butylbenzene	13.074	119	156809	21.899	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	177027	22.145	ug/l	97
85) sec-Butylbenzene	13.251	105	236543	22.309	ug/l	100
86) p-Isopropyltoluene	13.367	119	194795	22.138	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	102696	22.241	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	100925	21.532	ug/l	99
89) n-Butylbenzene	13.696	91	183958	22.109	ug/l	99
90) Hexachloroethane	13.958	117	36634	22.080	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	92151	22.070	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6849	19.682	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	56447	21.502	ug/l	98
94) Hexachlorobutadiene	15.111	225	31133	21.577	ug/l	97
95) Naphthalene	15.239	128	115374	21.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	50751	21.965	ug/l	98

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

