

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009194.D
 Acq On : 16 Jun 2022 11:34
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 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 15:41:08 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	7.783	168	188794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97628	49.504	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.000%		
35) Dibromofluoromethane	7.716	113	96551	49.224	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.440%		
50) Toluene-d8	10.179	98	365107	48.899	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.477	95	127665	48.116	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30126	21.080	ug/l	96
3) Chloromethane	2.107	50	35974	20.318	ug/l	99
4) Vinyl Chloride	2.247	62	37657	20.262	ug/l	96
5) Bromomethane	2.631	94	26019	19.928	ug/l	94
6) Chloroethane	2.784	64	23609	20.300	ug/l	90
7) Trichlorofluoromethane	3.113	101	66259	22.318	ug/l	91
8) Diethyl Ether	3.521	74	21933	19.471	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	36690	20.099	ug/l	97
10) Methyl Iodide	4.082	142	44746	19.189	ug/l #	87
11) Tert butyl alcohol	4.923	59	59386	189.805	ug/l #	77
12) 1,1-Dichloroethene	3.869	96	35254	19.624	ug/l	84
13) Acrolein	3.716	56	8017	133.942	ug/l	98
14) Allyl chloride	4.472	41	64775	19.980	ug/l #	91
15) Acrylonitrile	5.149	53	62726	104.109	ug/l	96
16) Acetone	3.942	43	48879	98.393	ug/l	90
17) Carbon Disulfide	4.186	76	105277	20.242	ug/l	99
18) Methyl Acetate	4.466	43	32329	20.446	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	110485	20.383	ug/l	93
20) Methylene Chloride	4.704	84	49171	20.280	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	42884	20.372	ug/l	88
22) Diisopropyl ether	6.112	45	139759	20.907	ug/l	94
23) Vinyl Acetate	6.051	43	440630	104.784	ug/l	97
24) 1,1-Dichloroethane	6.009	63	78216	20.708	ug/l	99
25) 2-Butanone	6.978	43	84465	107.448	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	69452	20.752	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	49155	19.911	ug/l	92
28) Bromochloromethane	7.332	49	31262	19.310	ug/l	89
29) Tetrahydrofuran	7.338	42	55419	106.176	ug/l	92
30) Chloroform	7.502	83	77663	19.989	ug/l	100
31) Cyclohexane	7.777	56	70482	19.951	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	67333	19.710	ug/l	97
36) 1,1-Dichloropropene	7.911	75	60844	20.166	ug/l	98
37) Ethyl Acetate	7.069	43	36859	20.529	ug/l #	93
38) Carbon Tetrachloride	7.899	117	60176	19.288	ug/l	99
39) Methylcyclohexane	9.185	83	74127	20.378	ug/l	89
40) Benzene	8.155	78	178330	20.240	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18090m	18.014	ug/l	
42) 1,2-Dichloroethane	8.234	62	49571	19.291	ug/l	91
43) Isopropyl Acetate	8.270	43	66978	20.169	ug/l #	91
44) Trichloroethene	8.935	130	49899	19.813	ug/l	98
45) 1,2-Dichloropropane	9.209	63	45417	20.336	ug/l	91
46) Dibromomethane	9.301	93	26540	20.659	ug/l	96
47) Bromodichloromethane	9.490	83	61410	20.056	ug/l	95
48) Methyl methacrylate	9.289	41	28949	19.531	ug/l #	87
49) 1,4-Dioxane	9.295	88	7250	396.728	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	181198	103.728	ug/l	93
52) Toluene	10.240	92	113590	20.191	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	64180	19.982	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	72022	19.855	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	37370	20.555	ug/l	97
56) Ethyl methacrylate	10.508	69	49700	20.166	ug/l	84
57) 1,3-Dichloropropane	10.788	76	64234	20.682	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	110155	103.111	ug/l	96
59) 2-Hexanone	10.831	43	121175	101.116	ug/l	89
60) Dibromochloromethane	10.983	129	44161	19.840	ug/l	100
61) 1,2-Dibromoethane	11.087	107	36031	20.335	ug/l	100
64) Tetrachloroethene	10.715	164	53565	20.721	ug/l	97
65) Chlorobenzene	11.514	112	123659	20.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43876	19.820	ug/l	96
67) Ethyl Benzene	11.587	91	215042	20.388	ug/l	97
68) m/p-Xylenes	11.703	106	169232	40.696	ug/l	91
69) o-Xylene	12.026	106	81845	20.773	ug/l	90
70) Styrene	12.044	104	134492	20.348	ug/l	95
71) Bromoform	12.203	173	28494	20.153	ug/l #	99
73) Isopropylbenzene	12.325	105	208428	20.098	ug/l	98
74) N-amyl acetate	12.142	43	56156	19.413	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	41435	20.187	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	30929m	20.329	ug/l	
77) Bromobenzene	12.605	156	49000	19.232	ug/l	96
78) n-propylbenzene	12.666	91	254556	20.287	ug/l	98
79) 2-Chlorotoluene	12.751	91	142697	20.184	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	174641	20.148	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	14950	19.583	ug/l	87
82) 4-Chlorotoluene	12.855	91	147958	20.057	ug/l	97
83) tert-Butylbenzene	13.074	119	150681	19.773	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	171987	20.215	ug/l	98
85) sec-Butylbenzene	13.251	105	226912	20.108	ug/l	98
86) p-Isopropyltoluene	13.367	119	184964	19.752	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	96835	19.706	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98589	19.764	ug/l	99
89) n-Butylbenzene	13.696	91	175519	19.821	ug/l	99
90) Hexachloroethane	13.958	117	35134	19.897	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	87161	19.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7158	19.328	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	54045	19.344	ug/l	98
94) Hexachlorobutadiene	15.111	225	29319	19.093	ug/l	97
95) Naphthalene	15.233	128	111628	19.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51833	21.079	ug/l	98

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

