

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009259.D
 Acq On : 21 Jun 2022 16:23
 Operator : KP/MD
 Sample : VY0621SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBS01

Quant Time: Jun 22 06:17:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	172403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92041	48.610	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.220%		
35) Dibromofluoromethane	7.710	113	91485	50.158	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.320%		
50) Toluene-d8	10.173	98	338608	48.326	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.660%		
62) 4-Bromofluorobenzene	12.477	95	124464	50.552	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25785	20.412	ug/l	100
3) Chloromethane	2.107	50	31519	20.332	ug/l #	87
4) Vinyl Chloride	2.241	62	32640	18.956	ug/l	93
5) Bromomethane	2.625	94	24294	20.233	ug/l	96
6) Chloroethane	2.778	64	21748	18.970	ug/l	93
7) Trichlorofluoromethane	3.119	101	48185	17.629	ug/l	89
8) Diethyl Ether	3.527	74	20549	20.473	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	33717	19.400	ug/l	96
10) Methyl Iodide	4.082	142	40142	18.913	ug/l	89
11) Tert butyl alcohol	4.942	59	34447	122.166	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	32603	19.740	ug/l	84
13) Acrolein	3.722	56	6117	85.818	ug/l	98
14) Allyl chloride	4.466	41	60485	20.387	ug/l	90
15) Acrylonitrile	5.149	53	58620	104.729	ug/l	99
16) Acetone	3.942	43	46913	100.279	ug/l #	89
17) Carbon Disulfide	4.180	76	92240	20.103	ug/l	99
18) Methyl Acetate	4.466	43	32342	22.565	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	103697	20.887	ug/l	95
20) Methylene Chloride	4.704	84	70164	27.072	ug/l #	88
21) trans-1,2-Dichloroethene	5.204	96	38634	19.738	ug/l	85
22) Diisopropyl ether	6.112	45	130316	20.895	ug/l #	95
23) Vinyl Acetate	6.051	43	410237	107.135	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	72371	20.499	ug/l	99
25) 2-Butanone	6.978	43	76772	101.618	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	60423	18.205	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	44236	19.277	ug/l	91
28) Bromochloromethane	7.325	49	28628	18.794	ug/l #	87
29) Tetrahydrofuran	7.338	42	51791	108.250	ug/l	91
30) Chloroform	7.502	83	73809	20.311	ug/l	100
31) Cyclohexane	7.783	56	63770	19.402	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	61770	19.470	ug/l	97
36) 1,1-Dichloropropene	7.911	75	54550	19.652	ug/l	97
37) Ethyl Acetate	7.063	43	35533	21.169	ug/l #	94
38) Carbon Tetrachloride	7.892	117	55960	19.388	ug/l	99
39) Methylcyclohexane	9.179	83	65747	19.304	ug/l	91
40) Benzene	8.155	78	162846	19.830	ug/l	99

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41) Methacrylonitrile	7.319	41	20802m	22.352	ug/l	
42) 1,2-Dichloroethane	8.234	62	47552	20.180	ug/l	91
43) Isopropyl Acetate	8.264	43	62562	20.340	ug/l #	93
44) Trichloroethene	8.935	130	45234	19.560	ug/l	94
45) 1,2-Dichloropropane	9.209	63	41398	19.568	ug/l	99
46) Dibromomethane	9.301	93	24312	20.209	ug/l	97
47) Bromodichloromethane	9.496	83	56191	19.669	ug/l	95
48) Methyl methacrylate	9.289	41	27677	20.529	ug/l	90
49) 1,4-Dioxane	9.295	88	6963	402.776	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	170957	106.855	ug/l	92
52) Toluene	10.240	92	104915	20.211	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	59700	20.098	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	67598	19.994	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	35250	20.876	ug/l	95
56) Ethyl methacrylate	10.502	69	46717	20.914	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	59940	20.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	103194	107.687	ug/l	96
59) 2-Hexanone	10.831	43	117718	108.722	ug/l	92
60) Dibromochloromethane	10.983	129	41190	20.001	ug/l	100
61) 1,2-Dibromoethane	11.087	107	33656	20.442	ug/l	98
64) Tetrachloroethene	10.715	164	49878	20.135	ug/l	98
65) Chlorobenzene	11.514	112	112624	19.471	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41588	19.665	ug/l	97
67) Ethyl Benzene	11.587	91	197181	19.670	ug/l	97
68) m/p-Xylenes	11.697	106	153572	39.042	ug/l	94
69) o-Xylene	12.026	106	75330	20.138	ug/l	89
70) Styrene	12.038	104	124049	19.997	ug/l	95
71) Bromoform	12.203	173	25938	19.843	ug/l #	100
73) Isopropylbenzene	12.325	105	194243	19.821	ug/l	98
74) N-amyl acetate	12.142	43	52758	20.155	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	39637	21.258	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	28448m	19.425	ug/l	
77) Bromobenzene	12.605	156	46559	19.559	ug/l	97
78) n-propylbenzene	12.666	91	237640	20.126	ug/l	97
79) 2-Chlorotoluene	12.751	91	132726	19.956	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	160867	19.773	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	14754	21.361	ug/l #	82
82) 4-Chlorotoluene	12.849	91	135952	19.598	ug/l	96
83) tert-Butylbenzene	13.068	119	143061	20.163	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	159828	20.048	ug/l	96
85) sec-Butylbenzene	13.251	105	211282	19.893	ug/l	99
86) p-Isopropyltoluene	13.367	119	175969	19.934	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	93349	20.288	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91375	19.793	ug/l	99
89) n-Butylbenzene	13.696	91	164167	19.970	ug/l	98
90) Hexachloroethane	13.958	117	33928	20.262	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	83544	20.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6928	20.861	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	50607	20.010	ug/l	97
94) Hexachlorobutadiene	15.111	225	27657	20.325	ug/l	99
95) Naphthalene	15.233	128	105171	20.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44143	20.421	ug/l	98

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

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