

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009233.D
 Acq On : 17 Jun 2022 17:38
 Operator : KP/MD
 Sample : N3383-02MS
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-03-(0-3.5)MS

Quant Time: Jun 17 22:55:56 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/20/2022
 Supervised By : Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	164016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	228045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92608	54.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.100%			
35) Dibromofluoromethane	7.710	113	73097	42.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.000%			
50) Toluene-d8	10.173	98	317012	48.415	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.840%			
62) 4-Bromofluorobenzene	12.477	95	92294	39.666	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56667	45.642	ug/l	97
3) Chloromethane	2.107	50	77241	50.215	ug/l	96
4) Vinyl Chloride	2.241	62	84084	52.077	ug/l	98
5) Bromomethane	2.631	94	56572	49.874	ug/l	95
6) Chloroethane	2.778	64	54118	53.564	ug/l	100
7) Trichlorofluoromethane	3.107	101	153853	59.652	ug/l	94
8) Diethyl Ether	3.515	74	53476	54.644	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	76732	48.385	ug/l	95
10) Methyl Iodide	4.076	142	102633	50.663	ug/l	89
11) Tert butyl alcohol	4.948	59	51831	190.684	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	78991	50.612	ug/l	87
13) Acrolein	3.722	56	6224	115.891	ug/l	92
14) Allyl chloride	4.466	41	144839	51.426	ug/l	92
15) Acrylonitrile	5.149	53	149312	285.259	ug/l	98
16) Acetone	3.936	43	122203	283.155	ug/l	98
17) Carbon Disulfide	4.180	76	228678	50.612	ug/l	98
18) Methyl Acetate	4.466	43	86621	71.001	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	275328	58.468	ug/l	98
20) Methylene Chloride	4.698	84	103585	53.526	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	95400	52.166	ug/l	92
22) Diisopropyl ether	6.106	45	326761	56.267	ug/l #	88
23) Vinyl Acetate	6.106	43	165586	45.326	ug/l #	77
24) 1,1-Dichloroethane	6.003	63	180528	55.015	ug/l	100
25) 2-Butanone	6.978	43	194227	284.403	ug/l #	89
26) 2,2-Dichloropropane	6.966	77	150555	51.781	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	116416	54.279	ug/l	88
28) Bromochloromethane	7.325	49	79910	56.814	ug/l #	87
29) Tetrahydrofuran	7.338	42	133980	295.468	ug/l	92
30) Chloroform	7.496	83	185113	54.842	ug/l	99
31) Cyclohexane	7.771	56	133973	43.653	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	155685	52.457	ug/l	97
36) 1,1-Dichloropropene	7.905	75	129659	49.003	ug/l	97
37) Ethyl Acetate	7.063	43	73073	46.409	ug/l #	95
38) Carbon Tetrachloride	7.892	117	139158	50.862	ug/l	96
39) Methylcyclohexane	9.173	83	109109	34.204	ug/l	93
40) Benzene	8.155	78	416703	53.930	ug/l	97

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41) Methacrylonitrile	7.319	41	58401m	66.314	ug/l	
42) 1,2-Dichloroethane	8.228	62	120693	53.560	ug/l	92
43) Isopropyl Acetate	8.264	43	156307	53.672	ug/l #	92
44) Trichloroethene	8.935	130	170804	77.335	ug/l	99
45) 1,2-Dichloropropane	9.209	63	105195	53.710	ug/l	100
46) Dibromomethane	9.301	93	60893	54.049	ug/l	97
47) Bromodichloromethane	9.490	83	144401	53.777	ug/l	100
48) Methyl methacrylate	9.289	41	72356	55.665	ug/l	89
49) 1,4-Dioxane	9.289	88	17667	1102.405	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	431023	281.364	ug/l	92
52) Toluene	10.240	92	248881	50.446	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	142028	50.425	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	165147	51.915	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	89817	56.336	ug/l	98
56) Ethyl methacrylate	10.502	69	116221	53.773	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	145550	53.441	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	250966	267.880	ug/l	96
59) 2-Hexanone	10.825	43	295764	281.433	ug/l	90
60) Dibromochloromethane	10.977	129	103871	53.215	ug/l	99
61) 1,2-Dibromoethane	11.081	107	82340	52.991	ug/l	99
64) Tetrachloroethene	10.715	164	202976	96.075	ug/l	99
65) Chlorobenzene	11.514	112	249910	50.589	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	97449	53.864	ug/l	98
67) Ethyl Benzene	11.587	91	434897	50.451	ug/l	97
68) m/p-Xylenes	11.697	106	330301	97.190	ug/l	93
69) o-Xylene	12.026	106	162658	50.514	ug/l	91
70) Styrene	12.038	104	259586	48.056	ug/l	97
71) Bromoform	12.203	173	60302	52.185	ug/l #	100
73) Isopropylbenzene	12.325	105	362289	61.671	ug/l	99
74) N-amyl acetate	12.142	43	99046	60.442	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	31268	26.893	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	61572m	71.443	ug/l	
77) Bromobenzene	12.605	156	91078	63.104	ug/l	96
78) n-propylbenzene	12.666	91	391728	55.111	ug/l	97
79) 2-Chlorotoluene	12.751	91	240358	60.017	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	276940	56.402	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	30256	69.963	ug/l	88
82) 4-Chlorotoluene	12.849	91	237793	56.905	ug/l	98
83) tert-Butylbenzene	13.068	119	207023	47.956	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	289599	60.090	ug/l	99
85) sec-Butylbenzene	13.251	105	264617	41.396	ug/l	98
86) p-Isopropyltoluene	13.367	119	221220	41.703	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	137647	49.447	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	136680	48.370	ug/l	98
89) n-Butylbenzene	13.690	91	168914	33.674	ug/l	97
90) Hexachloroethane	13.958	117	40119	40.109	ug/l	86
91) 1,2-Dichlorobenzene	13.733	146	127466	50.637	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13149	62.676	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	34200	21.609	ug/l	97
94) Hexachlorobutadiene	15.111	225	11184	12.857	ug/l	99
95) Naphthalene	15.233	128	265062	80.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26403	18.955	ug/l	96

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

