

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020840.D
 Acq On : 10 Nov 2021 18:26
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Nov 11 02:08:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:59:24 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	83688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	120955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	105491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	56562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	35159	50.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.600%			
35) Dibromofluoromethane	7.885	113	35838	52.999	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.323	98	134492	50.835	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.615	95	48062	50.353	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	387	2.466	ug/l	80
3) Chloromethane	2.215	50	2467	5.451	ug/l #	87
4) Vinyl Chloride	2.361	62	3627	5.171	ug/l	97
5) Bromomethane	2.770	94	2663	4.880	ug/l	90
6) Chloroethane	2.916	64	1517	4.877	ug/l	96
7) Trichlorofluoromethane	3.251	101	1940	6.845	ug/l	91
8) Diethyl Ether	3.678	74	1575	5.526	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	3708	5.771	ug/l	98
10) Methyl Iodide	4.263	142	4869	5.519	ug/l	97
11) Tert butyl alcohol	5.178	59	1345	28.262	ug/l	100
12) 1,1-Dichloroethene	4.038	96	3506	5.639	ug/l	90
13) Acrolein	3.897	56	481	22.990	ug/l	88
14) Allyl chloride	4.666	41	4848	5.265	ug/l	92
15) Acrylonitrile	5.367	53	4019	24.717	ug/l	99
16) Acetone	4.123	43	4542	30.356	ug/l	98
17) Carbon Disulfide	4.385	76	8654	5.222	ug/l	99
18) Methyl Acetate	4.678	43	3522	5.849	ug/l	94
19) Methyl tert-butyl Ether	5.428	73	5355	6.042	ug/l #	91
20) Methylene Chloride	4.916	84	6096	7.143	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	3691	5.470	ug/l	97
22) Diisopropyl ether	6.312	45	9266	5.359	ug/l #	92
23) Vinyl Acetate	6.257	43	25873	24.134	ug/l	97
24) 1,1-Dichloroethane	6.220	63	6102	5.358	ug/l #	93
25) 2-Butanone	7.177	43	5638	24.384	ug/l	98
26) 2,2-Dichloropropane	7.171	77	4315	5.583	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	4135	5.575	ug/l	90
28) Bromochloromethane	7.513	49	2808	5.201	ug/l #	90
29) Tetrahydrofuran	7.537	42	3527	24.470	ug/l	98
30) Chloroform	7.677	83	6883	5.735	ug/l	88
31) Cyclohexane	7.958	56	7757	6.249	ug/l #	80
32) 1,1,1-Trichloroethane	7.872	97	5788	5.428	ug/l	98
36) 1,1-Dichloropropene	8.086	75	5354	5.355	ug/l	95
37) Ethyl Acetate	7.257	43	2579	5.343	ug/l #	92
38) Carbon Tetrachloride	8.073	117	5620	5.367	ug/l	99
39) Methylcyclohexane	9.335	83	6779	5.169	ug/l	92
40) Benzene	8.323	78	16239	6.068	ug/l	100

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41) Methacrylonitrile	7.482	41	1635	5.870	ug/l	96
42) 1,2-Dichloroethane	8.403	62	4439	5.636	ug/l	97
43) Isopropyl Acetate	8.427	43	4440	4.838	ug/l	95
44) Trichloroethene	9.092	130	4321	5.425	ug/l	96
45) 1,2-Dichloropropane	9.366	63	3173	5.220	ug/l	99
46) Dibromomethane	9.457	93	2024	5.384	ug/l	95
47) Bromodichloromethane	9.646	83	4535	5.049	ug/l	100
48) Methyl methacrylate	9.439	41	2269	5.179	ug/l	98
49) 1,4-Dioxane	9.457	88	543	95.439	ug/l #	87
51) 4-Methyl-2-Pentanone	10.207	43	11852	24.319	ug/l	98
52) Toluene	10.390	92	9505	5.422	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	4475	4.842	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	5148	5.006	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	2589	5.187	ug/l	97
56) Ethyl methacrylate	10.646	69	3447	5.005	ug/l	93
57) 1,3-Dichloropropane	10.927	76	4496	5.332	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.921	63	8613	22.259	ug/l	95
59) 2-Hexanone	10.969	43	8461	23.653	ug/l	98
60) Dibromochloromethane	11.128	129	3282	5.005	ug/l	98
61) 1,2-Dibromoethane	11.238	107	2838	5.504	ug/l	95
64) Tetrachloroethene	10.860	164	4095	5.999	ug/l	86
65) Chlorobenzene	11.658	112	9967	5.403	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	3627	5.420	ug/l	99
67) Ethyl Benzene	11.731	91	18192	5.365	ug/l	95
68) m/p-Xylenes	11.841	106	14073	10.495	ug/l	94
69) o-Xylene	12.164	106	6834	5.492	ug/l	90
70) Styrene	12.182	104	10790	5.192	ug/l	96
71) Bromoform	12.347	173	2100	4.855	ug/l #	94
73) Isopropylbenzene	12.463	105	18584	5.267	ug/l	96
74) N-amyl acetate	12.268	43	3835	4.552	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	3150	5.001	ug/l	92
76) 1,2,3-Trichloropropane	12.762	75	2064m	4.746	ug/l	
77) Bromobenzene	12.749	156	4359	5.331	ug/l	91
78) n-propylbenzene	12.804	91	21619	5.043	ug/l	96
79) 2-Chlorotoluene	12.890	91	12322	5.241	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	15633	5.318	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	953	4.313	ug/l	96
82) 4-Chlorotoluene	12.987	91	12842	5.278	ug/l	96
83) tert-Butylbenzene	13.207	119	14022	5.080	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	15504	5.366	ug/l	98
85) sec-Butylbenzene	13.384	105	20740	5.257	ug/l	99
86) p-Isopropyltoluene	13.493	119	17286	5.112	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	8931	5.401	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	8536	5.226	ug/l	91
89) n-Butylbenzene	13.822	91	16204	5.148	ug/l	97
90) Hexachloroethane	14.091	117	3230	4.968	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	8135	5.818	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	616	4.874	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	5909	5.548	ug/l	93
94) Hexachlorobutadiene	15.231	225	3376	5.028	ug/l	95
95) Naphthalene	15.359	128	10547	5.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	4742	5.154	ug/l	97

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

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