

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020135.D
 Acq On : 23 Sep 2021 10:42
 Operator : SY/VA
 Sample : M3837-18MSD
 Misc : 3.94g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7W1MSD

Quant Time: Sep 24 01:39:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 01:36:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	335024	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	298742	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	138031	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128854	18.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.200%
7) Chloroethane-d5	2.898	69	102829	19.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.680%
11) 1,1-Dichloroethene-d2	4.032	63	214038	19.945	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.800%
21) 2-Butanone-d5	7.086	46	44597	42.166	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.340%
24) Chloroform-d	7.653	84	226689	21.515	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	8.311	65	121753	21.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.880%
32) Benzene-d6	8.281	84	427368	22.423	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.680%
36) 1,2-Dichloropropane-d6	9.281	67	124737	22.614	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.440%
41) Toluene-d8	10.323	98	378175	21.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.240%
43) trans-1,3-Dichloroprop...	10.579	79	52175	22.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.520%
47) 2-Hexanone-d5	10.927	63	35553	46.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	93553	21.988	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	107156	20.704	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	72552	24.725	ug/L	94
3) Chloromethane	2.221	50	99290	24.470	ug/L	98
5) Vinyl chloride	2.373	62	150652	23.645	ug/L	98
6) Bromomethane	2.788	94	94171	22.863	ug/L	97
8) Chloroethane	2.934	64	91285	23.692	ug/L	95
9) Trichlorofluoromethane	3.269	101	95674	21.343	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	104906	21.407	ug/L	97
12) 1,1-Dichloroethene	4.056	96	102255	23.015	ug/L	80
13) Acetone	4.135	43	39696	43.823	ug/L	98
14) Carbon disulfide	4.397	76	326852	23.393	ug/L	99
15) Methyl Acetate	4.678	43	37979	21.925	ug/L	98
16) Methylene chloride	4.922	84	128826	21.792	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	109478	23.390	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	132162	23.786	ug/L	99
19) 1,1-Dichloroethane	6.220	63	209387	24.254	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	113014	23.742	ug/L	98
22) 2-Butanone	7.177	43	53560	45.576	ug/L	98
23) Bromochloromethane	7.525	128	52270	24.223	ug/L	89
25) Chloroform	7.683	83	216199	23.948	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	142980	24.067	ug/L	98
29) Cyclohexane	7.964	56	147667	22.214	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	177367	23.960	ug/L	99
31) Carbon tetrachloride	8.074	117	161501	23.978	ug/L	100
33) Benzene	8.330	78	461277	25.585	ug/L	100
34) Trichloroethene	9.092	95	117192	24.281	ug/L	93
35) Methylcyclohexane	9.335	83	147410	18.745	ug/L	98
37) 1,2-Dichloropropane	9.372	63	115753	25.921	ug/L	99
38) Bromodichloromethane	9.646	83	151056	24.979	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	164319	24.948	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	111598	49.620	ug/L	99
42) Toluene	10.390	91	488205	25.487	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	146106	24.696	ug/L	99
45) 1,1,2-Trichloroethane	10.793	97	81043	24.750	ug/L	98
46) Tetrachloroethene	10.860	164	81360	21.810	ug/L	92
48) 2-Hexanone	10.969	43	83126	53.058	ug/L	99
49) Dibromochloromethane	11.134	129	94195	24.618	ug/L	98
50) 1,2-Dibromoethane	11.238	107	72965	23.678	ug/L	97
51) Chlorobenzene	11.658	112	285230	22.895	ug/L	96
52) Ethylbenzene	11.731	91	492409	23.340	ug/L	99
53) m,p-Xylene	11.841	106	190690	23.708	ug/L	95
54) o-Xylene	12.164	106	181013	24.329	ug/L	92
55) Styrene	12.183	104	317580	24.564	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	91382	23.365	ug/L	99
59) Bromoform	12.347	173	47841	25.421	ug/L	100
60) Isopropylbenzene	12.463	105	453901	24.525	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	67411	25.864	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	360960	23.765	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	373130	25.008	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	185881	21.900	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	198134	22.589	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	172744	22.347	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14319	24.474	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	106072	18.068	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	79416	17.529	ug/L	92
71) Naphthalene	15.365	128	169798	21.250	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	76231	18.686	ug/L	98

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

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