

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092721\
 Data File : VW020205.D
 Acq On : 27 Sep 2021 11:00
 Operator : SY/VA
 Sample : M3877-17MSD
 Misc : 5.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW2L8MSD

Quant Time: Sep 28 05:23:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 28 05:21:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	328096	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	269023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	111970	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	130286	19.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.640%
7) Chloroethane-d5	2.897	69	107012	21.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	4.031	63	221652	21.091	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.360%
21) 2-Butanone-d5	7.080	46	33996	32.822	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.640%
24) Chloroform-d	7.653	84	233297	22.610	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	8.311	65	110953	19.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.920%
32) Benzene-d6	8.281	84	433410	25.252	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	9.280	67	124752	25.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.329	98	372059	23.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	10.579	79	47125	22.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.800%
47) 2-Hexanone-d5	10.927	63	26282	38.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.460%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	72460	18.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	88232	21.015	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	67828	23.603	ug/L	97
3) Chloromethane	2.221	50	92173	23.196	ug/L	99
5) Vinyl chloride	2.373	62	153909	24.666	ug/L	98
6) Bromomethane	2.788	94	95049	23.563	ug/L	99
8) Chloroethane	2.934	64	93492	24.777	ug/L	100
9) Trichlorofluoromethane	3.269	101	109687	24.986	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	106981	22.291	ug/L	97
12) 1,1-Dichloroethene	4.050	96	106349	24.442	ug/L	89
13) Acetone	4.129	43	31143	35.107	ug/L	98
14) Carbon disulfide	4.391	76	327866	23.961	ug/L	99
15) Methyl Acetate	4.678	43	27189	16.028	ug/L #	73
16) Methylene chloride	4.928	84	111233	19.213	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	111011	24.218	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	117023	21.506	ug/L	99
19) 1,1-Dichloroethane	6.226	63	209777	24.813	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	111899	24.004	ug/L	99
22) 2-Butanone	7.177	43	38973	33.864	ug/L	99
23) Bromochloromethane	7.525	128	46985	22.234	ug/L	89
25) Chloroform	7.683	83	213457	24.144	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	124122	21.334	ug/L	100
29) Cyclohexane	7.964	56	144931	24.211	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	182198	27.332	ug/L	99
31) Carbon tetrachloride	8.073	117	163651	26.981	ug/L	99
33) Benzene	8.329	78	454468	27.992	ug/L	100
34) Trichloroethene	9.091	95	114319	26.303	ug/L	93
35) Methylcyclohexane	9.341	83	142568	20.132	ug/L	99
37) 1,2-Dichloropropane	9.372	63	107877	26.826	ug/L	99
38) Bromodichloromethane	9.646	83	140773	25.850	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	151325	25.513	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	79271	39.140	ug/L	100
42) Toluene	10.390	91	469827	27.238	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	127570	23.945	ug/L	98
45) 1,1,2-Trichloroethane	10.792	97	66009	22.386	ug/L	96
46) Tetrachloroethene	10.866	164	78865	23.476	ug/L	92
48) 2-Hexanone	10.969	43	59657	42.285	ug/L	98
49) Dibromochloromethane	11.134	129	79445	23.057	ug/L	91
50) 1,2-Dibromoethane	11.237	107	58323	21.017	ug/L	95
51) Chlorobenzene	11.658	112	265602	23.675	ug/L	99
52) Ethylbenzene	11.731	91	474783	24.990	ug/L	100
53) m,p-Xylene	11.841	106	181475	25.055	ug/L	98
54) o-Xylene	12.170	106	167718	25.032	ug/L	100
55) Styrene	12.182	104	284252	24.415	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	66858	18.983	ug/L	99
59) Bromoform	12.353	173	36092	23.642	ug/L	97
60) Isopropylbenzene	12.463	105	431031	28.710	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	49312	23.323	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	337267	27.373	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	335711	27.737	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	164966	23.960	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	166136	23.349	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	143434	22.874	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	9982	21.032	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	86741	18.215	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	59020	16.059	ug/L	95
71) Naphthalene	15.365	128	100304	15.474	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	48238	14.576	ug/L	97

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

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