

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021521.D
 Acq On : 21 Dec 2021 13:04
 Operator : SY/VA
 Sample : M5125-10MS
 Misc : 9.35g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AN3MS

Quant Time: Dec 22 01:19:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103475	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	90638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	39751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36500	19.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.480%
7) Chloroethane-d5	2.885	69	26481	21.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.040%
11) 1,1-Dichloroethene-d2	4.019	63	63613	25.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.280%
21) 2-Butanone-d5	7.080	46	22934	86.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.660%#
24) Chloroform-d	7.653	84	77897	27.014	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.040%
26) 1,2-Dichloroethane-d4	8.305	65	45481	29.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.600%
32) Benzene-d6	8.275	84	136599	27.495	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.960%
36) 1,2-Dichloropropane-d6	9.274	67	40843	30.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.600%#
41) Toluene-d8	10.323	98	127449	25.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.440%
43) trans-1,3-Dichloroprop...	10.579	79	18167	29.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.440%
47) 2-Hexanone-d5	10.927	63	17965	91.180	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.360%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36604	31.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.840%#
66) 1,2-Dichlorobenzene-d4	13.853	152	32612	21.169	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	6639	16.606	ug/L	90
3) Chloromethane	2.221	50	26686	20.161	ug/L	96
5) Vinyl chloride	2.361	62	41757	20.096	ug/L	94
6) Bromomethane	2.782	94	23437	17.389	ug/L	96
8) Chloroethane	2.922	64	20357	21.266	ug/L	98
9) Trichlorofluoromethane	3.257	101	27996	25.535	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	35505	24.849	ug/L	92
12) 1,1-Dichloroethene	4.044	96	31535	24.587	ug/L	86
13) Acetone	4.123	43	31651	132.907	ug/L	96
14) Carbon disulfide	4.379	76	64966	19.614	ug/L	97
15) Methyl Acetate	4.678	43	13501	32.857	ug/L	# 89
16) Methylene chloride	4.922	84	45411	26.560	ug/L	80
17) trans-1,2-Dichloroethene	5.428	96	33026	23.781	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	65585	34.194	ug/L	95
19) 1,1-Dichloroethane	6.220	63	58304	26.754	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	38438	26.241	ug/L	82
22) 2-Butanone	7.171	43	28864	92.810	ug/L	87
23) Bromochloromethane	7.513	128	18831	27.494	ug/L	# 69
25) Chloroform	7.677	83	65893	26.047	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	46577	29.074	ug/L	100
29) Cyclohexane	7.958	56	44812	24.839	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	57151	28.103	ug/L	95
31) Carbon tetrachloride	8.067	117	50819	27.089	ug/L	98
33) Benzene	8.330	78	129025	26.131	ug/L	100
34) Trichloroethene	9.092	95	47230	34.076	ug/L	95
35) Methylcyclohexane	9.335	83	45452	19.880	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	31685	28.769	ug/L #	97
38) Bromodichloromethane	9.646	83	45089	29.776	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	48735	28.071	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	49177	81.948	ug/L #	90
42) Toluene	10.390	91	136883	23.704	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	43112	28.351	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	28437	31.547	ug/L	95
46) Tetrachloroethene	10.860	164	31498	23.922	ug/L	93
48) 2-Hexanone	10.969	43	36339	83.503	ug/L #	92
49) Dibromochloromethane	11.128	129	33510	30.155	ug/L	94
50) 1,2-Dibromoethane	11.238	107	28039	31.256	ug/L	100
51) Chlorobenzene	11.658	112	81576	21.100	ug/L	90
52) Ethylbenzene	11.731	91	142968	21.665	ug/L	97
53) m,p-Xylene	11.841	106	56891	21.371	ug/L	85
54) o-Xylene	12.164	106	55075	21.799	ug/L	97
55) Styrene	12.176	104	82714	19.237	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	31369	30.357	ug/L #	93
59) Bromoform	12.347	173	18042	38.146	ug/L	96
60) Isopropylbenzene	12.463	105	146429	27.110	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	24462	42.283	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.945	105	116157	25.272	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	112173	24.740	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	50485	19.816	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	51975	20.533	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	46739	20.838	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4492	37.643	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	29644	15.568	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	20802	13.582	ug/L	96
71) Naphthalene	15.365	128	43897	17.641	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	16358	12.923	ug/L	98

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

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