

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021522.D
 Acq On : 21 Dec 2021 13:28
 Operator : SY/VA
 Sample : M5125-11MSD
 Misc : 10.51g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AN3MSD

Quant Time: Dec 22 01:20:27 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	128767	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	109493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50023	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38980	16.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.480%
7) Chloroethane-d5	2.885	69	28487	18.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.480%
11) 1,1-Dichloroethene-d2	4.019	63	70657	22.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%
21) 2-Butanone-d5	7.074	46	15484	46.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
24) Chloroform-d	7.653	84	84441	23.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.120%
26) 1,2-Dichloroethane-d4	8.305	65	42124	22.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.275	84	150220	25.030	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.120%
36) 1,2-Dichloropropane-d6	9.275	67	42159	26.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	10.323	98	136471	22.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.579	79	16626	22.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.921	63	12401	52.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	29343	21.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	36702	18.932	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	8202	16.486	ug/L	98
3) Chloromethane	2.215	50	29867	18.133	ug/L	99
5) Vinyl chloride	2.361	62	46301	17.906	ug/L	94
6) Bromomethane	2.782	94	27719	16.527	ug/L	96
8) Chloroethane	2.922	64	22852	19.183	ug/L	97
9) Trichlorofluoromethane	3.257	101	32883	24.102	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40821	22.958	ug/L	92
12) 1,1-Dichloroethene	4.038	96	35715	22.376	ug/L	84
13) Acetone	4.117	43	42934	144.874	ug/L	95
14) Carbon disulfide	4.385	76	75745	18.376	ug/L	99
15) Methyl Acetate	4.666	43	10637	20.802	ug/L	# 91
16) Methylene chloride	4.922	84	43235	20.320	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	41090	23.776	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	62989	26.390	ug/L	94
19) 1,1-Dichloroethane	6.220	63	67202	24.780	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	50941	27.946	ug/L	79
22) 2-Butanone	7.171	43	26078	67.382	ug/L	87
23) Bromochloromethane	7.513	128	19266	22.604	ug/L	# 61
25) Chloroform	7.677	83	74952	23.808	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45868	23.008	ug/L	97
29) Cyclohexane	7.958	56	52256	23.978	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	68280	27.793	ug/L	94
31) Carbon tetrachloride	8.067	117	59967	26.461	ug/L	99
33) Benzene	8.324	78	148868	24.958	ug/L	100
34) Trichloroethene	9.092	95	86153	51.454	ug/L	92
35) Methylcyclohexane	9.342	83	57848	20.944	ug/L	86
37) 1,2-Dichloropropane	9.366	63	34738	26.110	ug/L #	95
38) Bromodichloromethane	9.646	83	48378	26.446	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	52413	24.991	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	36209	49.948	ug/L #	89
42) Toluene	10.390	91	159741	22.899	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	42933	23.372	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	26875	24.680	ug/L	94
46) Tetrachloroethene	10.860	164	35065	22.045	ug/L	90
48) 2-Hexanone	10.969	43	26344	50.111	ug/L #	93
49) Dibromochloromethane	11.128	129	32498	24.208	ug/L	98
50) 1,2-Dibromoethane	11.238	107	23910	22.063	ug/L #	92
51) Chlorobenzene	11.658	112	92071	19.714	ug/L	94
52) Ethylbenzene	11.731	91	171970	21.572	ug/L	98
53) m,p-Xylene	11.835	106	68153	21.193	ug/L	86
54) o-Xylene	12.164	106	63523	20.813	ug/L	95
55) Styrene	12.183	104	94146	18.125	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	26688	21.379	ug/L	95
59) Bromoform	12.347	173	15369	25.822	ug/L	99
60) Isopropylbenzene	12.463	105	184932	27.207	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	19191	26.360	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.945	105	143517	24.813	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	137677	24.129	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	61771	19.267	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	61635	19.350	ug/L	86
67) 1,2-Dichlorobenzene	13.871	146	55056	19.505	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	3487	23.221	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.627	180	39731	16.580	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	27263	14.145	ug/L	91
71) Naphthalene	15.365	128	44986	14.366	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22086	13.866	ug/L	96

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

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