

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018919.D
 Acq On : 04 May 2021 15:31
 Operator : SY/VA
 Sample : M2272-02MS
 Misc : 5.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW6B9MS

Quant Time: May 05 00:07:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	614762	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	542384	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	261581	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	174672	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
7) Chloroethane-d5	2.891	69	147007	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
11) 1,1-Dichloroethene-d2	4.025	63	379152	24.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.84%
21) 2-Butanone-d5	7.080	46	85842	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
24) Chloroform-d	7.653	84	408989	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.305	65	210308	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
32) Benzene-d6	8.275	84	771802	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	9.274	67	228436	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	10.323	98	728452	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.96%
43) trans-1,3-Dichloroprop...	10.579	79	97905	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.80%
47) 2-Hexanone-d5	10.927	63	74695	45.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.78%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	176029	22.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.40%
66) 1,2-Dichlorobenzene-d4	13.853	152	226806	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	152252	26.08	ug/L	98
3) Chloromethane	2.215	50	128586	23.46	ug/L	100
5) Vinyl chloride	2.367	62	215331	24.21	ug/L	96
6) Bromomethane	2.788	94	147718	23.71	ug/L	100
8) Chloroethane	2.928	64	131064	24.49	ug/L	97
9) Trichlorofluoromethane	3.263	101	150076	21.75	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	186310	23.43	ug/L	98
12) 1,1-Dichloroethene	4.044	96	191080	24.00	ug/L	87
13) Acetone	4.129	43	96995	61.63	ug/L	91
14) Carbon disulfide	4.391	76	565028	23.97	ug/L	99
15) Methyl Acetate	4.678	43	61946	19.31	ug/L	96
16) Methylene chloride	4.922	84	248856	24.49	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	202980	23.77	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	249560	21.19	ug/L	98
19) 1,1-Dichloroethane	6.220	63	360255	24.56	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	213664	23.70	ug/L	98
22) 2-Butanone	7.177	43	109825	50.33	ug/L	95
23) Bromochloromethane	7.513	128	86363	21.73	ug/L	98
25) Chloroform	7.677	83	376032	24.50	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	236830	22.66	ug/L	98
29) Cyclohexane	7.958	56	320745	24.67	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	296070	24.64	ug/L	99
31) Carbon tetrachloride	8.067	117	271554	24.79	ug/L	100
33) Benzene	8.323	78	813810	25.06	ug/L	100
34) Trichloroethene	9.091	95	218047	25.17	ug/L	92
35) Methylcyclohexane	9.335	83	358595	23.54	ug/L	99
37) 1,2-Dichloropropane	9.372	63	194049	24.78	ug/L	98
38) Bromodichloromethane	9.646	83	254540	24.62	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	303388	24.32	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	202162	41.58	ug/L	95
42) Toluene	10.390	91	886710	24.81	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	261077	23.88	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	135016	21.71	ug/L	95
46) Tetrachloroethene	10.859	164	156502	24.02	ug/L	90
48) 2-Hexanone	10.969	43	162762	51.40	ug/L	94
49) Dibromochloromethane	11.128	129	153605	22.81	ug/L	92
50) 1,2-Dibromoethane	11.237	107	129860	21.53	ug/L	97
51) Chlorobenzene	11.658	112	521247	23.85	ug/L	97
52) Ethylbenzene	11.731	91	982314	24.79	ug/L	98
53) m,p-Xylene	11.841	106	364596	24.76	ug/L	98
54) o-Xylene	12.164	106	344687	24.57	ug/L	95
55) Styrene	12.182	104	582245	24.68	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	159768	21.25	ug/L	97
59) Bromoform	12.347	173	74391	20.55	ug/L	94
60) Isopropylbenzene	12.463	105	963481	25.80	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	118037	21.28	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	805850	25.86	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	800573	25.68	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	389856	24.75	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	388176	24.41	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	337346	23.66	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24448	20.73	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	278982	24.56	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	220527	23.38	ug/L	98
71) Naphthalene	15.365	128	429185	21.57	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	188781	22.68	ug/L	98

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

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