

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020569.D
 Acq On : 18 Oct 2021 17:45
 Operator : SY/VA
 Sample : M4211-18MS
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGD7MS

Quant Time: Oct 19 05:44:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	210357	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	200635	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	108824	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	67047	21.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
7) Chloroethane-d5	2.879	69	34868	21.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	4.013	63	135793	21.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	7.086	46	46843	50.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.580%
24) Chloroform-d	7.647	84	161760	24.124	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.305	65	91196	23.813	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.275	84	300675	22.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	9.275	67	98383	22.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	269080	22.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	10.579	79	39784	22.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.040%
47) 2-Hexanone-d5	10.927	63	33207	50.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	76980	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	92146	21.646	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	37938	27.909	ug/L	99
3) Chloromethane	2.215	50	62798	22.218	ug/L	99
5) Vinyl chloride	2.355	62	85016	21.386	ug/L	97
6) Bromomethane	2.770	94	33662	19.496	ug/L	93
8) Chloroethane	2.916	64	27334	18.621	ug/L	96
9) Trichlorofluoromethane	3.251	101	34574	15.286	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71926	22.297	ug/L	99
12) 1,1-Dichloroethene	4.038	96	65068	22.000	ug/L	92
13) Acetone	4.129	43	45310	52.979	ug/L	98
14) Carbon disulfide	4.379	76	191866	19.944	ug/L	99
15) Methyl Acetate	4.672	43	35960	22.641	ug/L	98
16) Methylene chloride	4.916	84	77943	19.060	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	68370	22.033	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	101566	23.232	ug/L	99
19) 1,1-Dichloroethane	6.214	63	146268	22.993	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	74981	23.247	ug/L	100
22) 2-Butanone	7.177	43	51258	47.880	ug/L	97
23) Bromochloromethane	7.513	128	31828	22.499	ug/L	95
25) Chloroform	7.677	83	144639	23.388	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97993	23.167	ug/L	98
29) Cyclohexane	7.958	56	132243	22.513	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	110422	22.154	ug/L	99
31) Carbon tetrachloride	8.067	117	96742	22.076	ug/L	99
33) Benzene	8.323	78	319980	22.391	ug/L	100
34) Trichloroethene	9.092	95	75597	21.473	ug/L	95
35) Methylcyclohexane	9.335	83	130017	21.580	ug/L	98
37) 1,2-Dichloropropane	9.366	63	84464	22.824	ug/L	100
38) Bromodichloromethane	9.646	83	101362	22.845	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	119988	23.500	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	104751	47.160	ug/L	99
42) Toluene	10.390	91	333097	23.238	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	106352	23.628	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54329	22.865	ug/L	96
46) Tetrachloroethene	10.860	164	55446	21.926	ug/L	94
48) 2-Hexanone	10.969	43	80615	49.467	ug/L	99
49) Dibromochloromethane	11.128	129	60416	23.079	ug/L	95
50) 1,2-Dibromoethane	11.238	107	48267	22.115	ug/L	99
51) Chlorobenzene	11.658	112	197123	22.301	ug/L	97
52) Ethylbenzene	11.731	91	367035	23.613	ug/L	100
53) m,p-Xylene	11.841	106	134491	23.352	ug/L	98
54) o-Xylene	12.164	106	128632	24.185	ug/L	93
55) Styrene	12.183	104	229403	24.668	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	66207	22.476	ug/L	99
59) Bromoform	12.347	173	32179	21.108	ug/L	99
60) Isopropylbenzene	12.463	105	358220	22.427	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	49471	20.635	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	304115	23.320	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	302579	23.424	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	152879	22.121	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	149594	20.927	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	140618	22.209	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	11029	21.658	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	104862	21.279	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	87825	22.507	ug/L	97
71) Naphthalene	15.365	128	157466	22.445	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	75001	21.884	ug/L	98

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

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