

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060921\
 Data File : VW019172.D
 Acq On : 09 Jun 2021 17:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025108

Quant Time: Jun 10 02:16:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 10 01:14:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	526658	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	497163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	249443	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142785	20.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.000%
7) Chloroethane-d5	2.892	69	131466	22.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
11) 1,1-Dichloroethene-d2	4.038	63	314241	22.711	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.840%
21) 2-Butanone-d5	7.086	46	103589	56.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.580%
24) Chloroform-d	7.653	84	336593	23.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	8.311	65	188882	23.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.120%
32) Benzene-d6	8.275	84	633685	22.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.274	67	197605	23.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.323	98	589820	22.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.680%
43) trans-1,3-Dichloroprop...	10.579	79	87016	23.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.927	63	87035	59.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	188619	26.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	206274	23.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	178560	26.170	ug/L	97
3) Chloromethane	2.215	50	162338	25.734	ug/L	100
5) Vinyl chloride	2.367	62	256163	26.602	ug/L	97
6) Bromomethane	2.782	94	180279	25.177	ug/L	99
8) Chloroethane	2.928	64	155846	27.223	ug/L	94
9) Trichlorofluoromethane	3.257	101	131699	24.919	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	200976	26.586	ug/L	97
12) 1,1-Dichloroethene	4.050	96	200764	26.883	ug/L	96
13) Acetone	4.129	43	94487	58.453	ug/L	90
14) Carbon disulfide	4.391	76	606023	25.674	ug/L	100
15) Methyl Acetate	4.672	43	96758	29.760	ug/L	95
16) Methylene chloride	4.922	84	223637	22.885	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	216771	26.942	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	292756	28.147	ug/L	98
19) 1,1-Dichloroethane	6.220	63	389620	27.282	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	229248	27.365	ug/L	98
22) 2-Butanone	7.177	43	137672	63.697	ug/L	98
23) Bromochloromethane	7.519	128	99882	27.102	ug/L	94
25) Chloroform	7.677	83	398613	27.367	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	273249	27.704	ug/L	100
29) Cyclohexane	7.958	56	340899	26.351	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	299247	26.159	ug/L	100
31) Carbon tetrachloride	8.073	117	280352	26.542	ug/L	99
33) Benzene	8.330	78	878058	26.851	ug/L	100
34) Trichloroethene	9.092	95	226080	26.521	ug/L	94
35) Methylcyclohexane	9.335	83	396359	27.020	ug/L	99
37) 1,2-Dichloropropane	9.372	63	219989	27.386	ug/L	99
38) Bromodichloromethane	9.646	83	286480	27.495	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	345668	27.772	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	289273	60.468	ug/L	94
42) Toluene	10.390	91	949889	26.999	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	308905	28.117	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	171391	28.338	ug/L	96
46) Tetrachloroethene	10.866	164	172545	26.480	ug/L	95
48) 2-Hexanone	10.969	43	205237	63.818	ug/L	94
49) Dibromochloromethane	11.128	129	189175	28.220	ug/L	94
50) 1,2-Dibromoethane	11.238	107	163318	27.872	ug/L	99
51) Chlorobenzene	11.658	112	582345	26.816	ug/L	98
52) Ethylbenzene	11.731	91	1047601	27.068	ug/L	97
53) m,p-Xylene	11.841	106	387200	27.129	ug/L	96
54) o-Xylene	12.164	106	375721	27.635	ug/L	98
55) Styrene	12.183	104	650583	27.826	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	222574	29.861	ug/L	98
59) Bromoform	12.347	173	109249	28.429	ug/L	98
60) Isopropylbenzene	12.463	105	1033059	27.662	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	163396	29.279	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	850238	27.720	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	841914	27.497	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	439252	26.950	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	440165	26.411	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	396330	27.018	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	35466	29.032	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	313499	26.622	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	262958	27.208	ug/L	97
71) Naphthalene	15.365	128	580380	30.119	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	229510	26.802	ug/L	97

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

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