

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062521\
 Data File : VW019320.D
 Acq On : 25 Jun 2021 09:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025125

Quant Time: Jun 26 00:23:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 25 01:15:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	506156	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	464309	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	237896	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	137428	20.533	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	82.120%		
7) Chloroethane-d5	2.898	69	140179	24.591	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	98.360%		
11) 1,1-Dichloroethene-d2	4.025	63	325364	24.467	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	97.880%		
21) 2-Butanone-d5	7.086	46	84420	48.152	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	96.300%		
24) Chloroform-d	7.653	84	372230	27.354	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	109.400%		
26) 1,2-Dichloroethane-d4	8.305	65	189301	24.800	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	99.200%		
32) Benzene-d6	8.275	84	680080	25.709	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	102.840%		
36) 1,2-Dichloropropane-d6	9.275	67	213799	26.659	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	106.640%		
41) Toluene-d8	10.323	98	609082	25.071	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	100.280%		
43) trans-1,3-Dichloroprop...	10.579	79	83931	24.165	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	96.640%		
47) 2-Hexanone-d5	10.927	63	68726	50.536	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	101.080%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	172757	26.114	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	104.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	209835	25.271	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	101.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	161304	24.599	ug/L	94
3) Chloromethane	2.221	50	162511	26.805	ug/L	99
5) Vinyl chloride	2.367	62	255423	27.599	ug/L	97
6) Bromomethane	2.788	94	166885	24.251	ug/L	98
8) Chloroethane	2.928	64	155076	28.186	ug/L	96
9) Trichlorofluoromethane	3.269	101	157806	31.068	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	200195	27.555	ug/L	99
12) 1,1-Dichloroethene	4.050	96	195251	27.204	ug/L	90
13) Acetone	4.147	43	80477	51.802	ug/L	88
14) Carbon disulfide	4.391	76	579140	25.529	ug/L	100
15) Methyl Acetate	4.684	43	64427	20.618	ug/L	97
16) Methylene chloride	4.922	84	201476	21.452	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	201514	26.060	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	237775	23.787	ug/L	97
19) 1,1-Dichloroethane	6.220	63	375531	27.361	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	210557	26.152	ug/L	92
22) 2-Butanone	7.177	43	100313	48.292	ug/L	98
23) Bromochloromethane	7.513	128	85408	24.114	ug/L	94
25) Chloroform	7.677	83	380468	27.179	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	232639	24.542	ug/L	98
29) Cyclohexane	7.958	56	326692	27.040	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	300614	28.138	ug/L	99
31) Carbon tetrachloride	8.074	117	278301	28.212	ug/L	100
33) Benzene	8.323	78	829496	27.161	ug/L	100
34) Trichloroethene	9.092	95	212785	26.728	ug/L	92
35) Methylcyclohexane	9.335	83	374919	27.367	ug/L	97
37) 1,2-Dichloropropane	9.366	63	200710	26.754	ug/L	98
38) Bromodichloromethane	9.646	83	260688	26.790	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	301346	25.924	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	189190	42.345	ug/L	97
42) Toluene	10.390	91	893290	27.187	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	263005	25.633	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	138374	24.498	ug/L	97
46) Tetrachloroethene	10.860	164	160403	26.358	ug/L	97
48) 2-Hexanone	10.969	43	145147	48.327	ug/L	97
49) Dibromochloromethane	11.128	129	157726	25.194	ug/L	97
50) 1,2-Dibromoethane	11.231	107	124634	22.775	ug/L	97
51) Chlorobenzene	11.658	112	529148	26.090	ug/L	97
52) Ethylbenzene	11.731	91	1002944	27.748	ug/L	96
53) m,p-Xylene	11.841	106	371862	27.898	ug/L	96
54) o-Xylene	12.164	106	342733	26.993	ug/L	94
55) Styrene	12.183	104	593760	27.192	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	160908	23.116	ug/L	97
59) Bromoform	12.353	173	80692	22.017	ug/L	97
60) Isopropylbenzene	12.463	105	973980	27.346	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	115243	21.653	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	800093	27.351	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	802368	27.478	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	397329	25.561	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	400188	25.178	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	358391	25.618	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24064	20.655	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	285453	25.417	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	227998	24.736	ug/L	97
71) Naphthalene	15.365	128	396858	21.595	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	196963	24.117	ug/L	98

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

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