

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082721\
 Data File : VW019923.D
 Acq On : 27 Aug 2021 08:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Aug 28 00:37:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 27 00:59:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	388651	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354869	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177325	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	125120	20.778	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.120%		
7) Chloroethane-d5	2.898	69	111814	21.155	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.600%		
11) 1,1-Dichloroethene-d2	4.025	63	227165	21.740	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.960%		
21) 2-Butanone-d5	7.080	46	54236	44.341	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.680%		
24) Chloroform-d	7.653	84	243117	22.746	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.000%		
26) 1,2-Dichloroethane-d4	8.305	65	123537	21.447	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.800%		
32) Benzene-d6	8.275	84	472696	23.362	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.440%		
36) 1,2-Dichloropropane-d6	9.274	67	139888	22.830	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.320%		
41) Toluene-d8	10.323	98	432497	23.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.280%		
43) trans-1,3-Dichloroprop...	10.579	79	57878	22.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.440%		
47) 2-Hexanone-d5	10.920	63	39527	46.306	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.620%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	112537	22.566	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.280%		
66) 1,2-Dichlorobenzene-d4	13.853	152	141586	23.277	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	80547	21.148	ug/L	93
3) Chloromethane	2.221	50	95143	20.073	ug/L	100
5) Vinyl chloride	2.373	62	158469	22.544	ug/L	95
6) Bromomethane	2.788	94	111748	21.423	ug/L	98
8) Chloroethane	2.934	64	100013	21.703	ug/L	98
9) Trichlorofluoromethane	3.269	101	97659	21.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	126432	23.559	ug/L	96
12) 1,1-Dichloroethene	4.050	96	122454	23.267	ug/L	94
13) Acetone	4.129	43	44805	42.910	ug/L	88
14) Carbon disulfide	4.391	76	364732	21.668	ug/L	100
15) Methyl Acetate	4.678	43	44025	20.255	ug/L	99
16) Methylene chloride	4.922	84	127290	19.083	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	128426	23.229	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	153173	24.069	ug/L	96
19) 1,1-Dichloroethane	6.220	63	225915	23.052	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	134255	23.991	ug/L	98
22) 2-Butanone	7.177	43	59899	44.269	ug/L	97
23) Bromochloromethane	7.519	128	58141	23.215	ug/L	94
25) Chloroform	7.677	83	233617	23.042	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	143866	21.752	ug/L	98
29) Cyclohexane	7.958	56	204589	24.550	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	192020	24.211	ug/L	98
31) Carbon tetrachloride	8.073	117	178942	24.203	ug/L	99
33) Benzene	8.329	78	523892	24.054	ug/L	100
34) Trichloroethene	9.092	95	135397	23.913	ug/L	93
35) Methylcyclohexane	9.335	83	234104	24.105	ug/L	99
37) 1,2-Dichloropropane	9.372	63	126903	23.526	ug/L	99
38) Bromodichloromethane	9.646	83	160346	22.946	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	192945	24.290	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	129834	45.265	ug/L	95
42) Toluene	10.390	91	563354	24.418	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	166499	23.813	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	90426	23.156	ug/L	98
46) Tetrachloroethene	10.866	164	105816	24.672	ug/L	97
48) 2-Hexanone	10.969	43	92470	46.312	ug/L	94
49) Dibromochloromethane	11.128	129	103779	23.232	ug/L	90
50) 1,2-Dibromoethane	11.238	107	84346	22.996	ug/L	97
51) Chlorobenzene	11.658	112	350013	23.886	ug/L	100
52) Ethylbenzene	11.731	91	608600	24.502	ug/L	100
53) m,p-Xylene	11.841	106	240926	25.258	ug/L	99
54) o-Xylene	12.164	106	223916	24.816	ug/L	96
55) Styrene	12.182	104	383534	24.876	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	105259	21.980	ug/L	100
59) Bromoform	12.347	173	53046	22.531	ug/L	97
60) Isopropylbenzene	12.463	105	615349	25.611	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	76558	22.020	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	506184	26.395	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	496907	25.563	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	260705	24.337	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	259327	23.552	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	231843	23.833	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15374	20.285	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	181386	24.575	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	148686	26.216	ug/L	100
71) Naphthalene	15.365	128	282192	24.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	130349	24.820	ug/L	97

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

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