

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019418.D
 Acq On : 09 Jul 2021 23:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Jul 10 01:06:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 10 00:58:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	473707	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	455004	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	229969	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	174212	25.956	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 103.840%		
7) Chloroethane-d5	2.898	69	127957	26.734	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 106.920%		
11) 1,1-Dichloroethene-d2	4.032	63	319746	24.690	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 98.760%		
21) 2-Butanone-d5	7.080	46	108075	55.478	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 110.960%		
24) Chloroform-d	7.653	84	331522	25.328	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 101.320%		
26) 1,2-Dichloroethane-d4	8.311	65	184801	25.728	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 102.920%		
32) Benzene-d6	8.281	84	665195	24.560	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 98.240%		
36) 1,2-Dichloropropane-d6	9.274	67	208243	24.668	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 98.680%		
41) Toluene-d8	10.323	98	591617	24.227	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 96.920%		
43) trans-1,3-Dichloroprop...	10.579	79	90914	25.148	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 100.600%		
47) 2-Hexanone-d5	10.927	63	87765	56.038	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 112.080%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	180186	26.415	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 105.680%		
66) 1,2-Dichlorobenzene-d4	13.853	152	198538	24.469	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 97.880%		
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.014	85	134636	23.860	ug/L	97
3) Chloromethane	2.221	50	141191	24.384	ug/L	99
5) Vinyl chloride	2.373	62	209195	26.249	ug/L	96
6) Bromomethane	2.788	94	121021	27.463	ug/L	99
8) Chloroethane	2.934	64	117887	27.791	ug/L	96
9) Trichlorofluoromethane	3.269	101	123255	25.459	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	159802	25.804	ug/L	96
12) 1,1-Dichloroethene	4.050	96	162249	26.236	ug/L	88
13) Acetone	4.123	43	74137	51.648	ug/L	88
14) Carbon disulfide	4.397	76	528043	26.664	ug/L	99
15) Methyl Acetate	4.672	43	95772	29.978	ug/L	97
16) Methylene chloride	4.922	84	207430	21.965	ug/L	100
17) trans-1,2-Dichloroethene	5.434	96	178349	26.519	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	263955	28.408	ug/L	96
19) 1,1-Dichloroethane	6.220	63	334948	27.126	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	194990	27.413	ug/L	94
22) 2-Butanone	7.171	43	123834	55.754	ug/L	97
23) Bromochloromethane	7.519	128	89066	27.803	ug/L	94
25) Chloroform	7.677	83	332409	27.215	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	231278	28.144	ug/L	97
29) Cyclohexane	7.958	56	292679	25.083	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	246966	26.299	ug/L	98
31) Carbon tetrachloride	8.073	117	226055	25.873	ug/L	98
33) Benzene	8.330	78	765798	26.889	ug/L	100
34) Trichloroethene	9.092	95	185878	25.572	ug/L	94
35) Methylcyclohexane	9.335	83	317902	24.714	ug/L	95
37) 1,2-Dichloropropane	9.372	63	193374	26.793	ug/L	99
38) Bromodichloromethane	9.646	83	243868	27.250	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	293385	26.581	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	274758	60.317	ug/L	97
42) Toluene	10.390	91	797387	26.862	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	264043	27.197	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	148326	27.621	ug/L	98
46) Tetrachloroethene	10.866	164	139251	25.136	ug/L	92
48) 2-Hexanone	10.969	43	191253	61.644	ug/L	96
49) Dibromochloromethane	11.128	129	161542	27.972	ug/L	98
50) 1,2-Dibromoethane	11.238	107	144804	28.113	ug/L	100
51) Chlorobenzene	11.658	112	489882	26.245	ug/L	98
52) Ethylbenzene	11.731	91	848979	26.271	ug/L	98
53) m,p-Xylene	11.841	106	323609	26.498	ug/L	92
54) o-Xylene	12.164	106	312046	27.039	ug/L	95
55) Styrene	12.182	104	554181	27.714	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	190256	28.769	ug/L	99
59) Bromoform	12.347	173	94866	28.901	ug/L	99
60) Isopropylbenzene	12.463	105	815182	26.376	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	144588	28.701	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	681293	26.327	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	707188	27.122	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	367808	26.006	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	374532	26.800	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	337681	26.503	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	32339	29.417	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	260574	25.215	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	214330	24.807	ug/L	97
71) Naphthalene	15.365	128	506157	29.006	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	201604	26.056	ug/L	97

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

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