

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019762.D
 Acq On : 18 Aug 2021 09:13
 Operator : SY/VA
 Sample : VSTD00539
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005439

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:15:34 PM

Quant Time: Aug 18 10:30:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 18 10:29:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	335751	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	315267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	154374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	22279	4.217	ug/L	0.00
7) Chloroethane-d5	2.897	69	21540	4.576	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	42587	4.702	ug/L	0.00
21) 2-Butanone-d5	7.086	46	10444	10.745	ug/L	0.00
24) Chloroform-d	7.653	84	47141	5.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	25499	5.180	ug/L	0.00
32) Benzene-d6	8.281	84	88367	4.866	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	27893	5.136	ug/L	0.00
41) Toluene-d8	10.323	98	79345	4.809	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10471	4.649	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	7625	10.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	22328	5.199	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	27243	5.242	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	15556	4.919	ug/L	95
3) Chloromethane	2.221	50	19045	4.412	ug/L	92
5) Vinyl chloride	2.373	62	30430	5.058	ug/L	97
6) Bromomethane	2.788	94	22978	5.144	ug/L	99
8) Chloroethane	2.934	64	20393	5.084	ug/L	98
9) Trichlorofluoromethane	3.269	101	18521	4.925	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	23261	5.126	ug/L	95
12) 1,1-Dichloroethene	4.044	96	22413	5.029	ug/L	92
13) Acetone	4.123	43	9917m	11.776	ug/L	
14) Carbon disulfide	4.391	76	72094	5.022	ug/L	97
15) Methyl Acetate	4.678	43	9540	5.404	ug/L	96
16) Methylene chloride	4.921	84	32202	4.709	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	23219	4.893	ug/L	99
18) Methyl tert-butyl Ether	5.440	73	27018	5.146	ug/L	97
19) 1,1-Dichloroethane	6.220	63	42809	5.137	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	23253	4.849	ug/L	87
22) 2-Butanone	7.183	43	11505	10.410	ug/L	99
23) Bromochloromethane	7.512	128	11081	5.134	ug/L	94
25) Chloroform	7.683	83	45292	5.258	ug/L	100
27) 1,2-Dichloroethane	8.409	62	29394	5.262	ug/L	100
29) Cyclohexane	7.964	56	33155	4.559	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	35686	5.076	ug/L	99
31) Carbon tetrachloride	8.073	117	33178	5.079	ug/L	100
33) Benzene	8.329	78	98378	5.149	ug/L	100
34) Trichloroethene	9.091	95	25443	5.148	ug/L	91
35) Methylcyclohexane	9.335	83	40673	4.783	ug/L	95
37) 1,2-Dichloropropane	9.372	63	24493	5.180	ug/L	99
38) Bromodichloromethane	9.646	83	31339	5.168	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	32775	4.698	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	24466	10.183	ug/L	98
42) Toluene	10.390	91	100086	4.959	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	29471	4.805	ug/L	96

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45) 1,1,2-Trichloroethane	10.786	97	17518	5.144	ug/L	93
46) Tetrachloroethene	10.866	164	19717	5.240	ug/L	99
48) 2-Hexanone	10.969	43	17210	10.165	ug/L	98
49) Dibromochloromethane	11.128	129	19351	4.940	ug/L	100
50) 1,2-Dibromoethane	11.237	107	16595	5.194	ug/L	94
51) Chlorobenzene	11.658	112	65887	5.109	ug/L	96
52) Ethylbenzene	11.731	91	105264	4.795	ug/L	98
53) m,p-Xylene	11.841	106	39599	4.715	ug/L	95
54) o-Xylene	12.170	106	36780	4.629	ug/L	96
55) Styrene	12.182	104	62776	4.627	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	22557	5.538	ug/L	91
59) Bromoform	12.347	173	10442	5.355	ug/L #	98
60) Isopropylbenzene	12.463	105	97092	4.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	16335	5.719	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	73573	4.460	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	77097	4.635	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	47191	5.110	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	50886	5.349	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	43828	5.235	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3388	5.550	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	32842	5.128	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	24668	4.968	ug/L	94
71) Naphthalene	15.365	128	44579	4.677	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	23701	5.134	ug/L	96

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

