

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019765.D
 Acq On : 18 Aug 2021 10:26
 Operator : SY/VA
 Sample : VSTD10042
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100442

Quant Time: Aug 18 10:44:14 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	349137	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	332811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	621589	113.134	ug/L	0.00
7) Chloroethane-d5	2.897	69	519209	106.083	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	1031192	109.479	ug/L	0.00
21) 2-Butanone-d5	7.080	46	243490	240.900	ug/L	0.00
24) Chloroform-d	7.653	84	1003288	104.316	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	545133	106.493	ug/L	0.00
32) Benzene-d6	8.281	84	1981674	103.366	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	594080	103.621	ug/L	0.00
41) Toluene-d8	10.329	98	1881380	108.019	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	271699	114.274	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	184281	239.642	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	493907	108.938	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	625996	107.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	393616	119.688	ug/L	98
3) Chloromethane	2.221	50	486046	108.292	ug/L	99
5) Vinyl chloride	2.373	62	671793	107.379	ug/L	97
6) Bromomethane	2.788	94	490348	105.560	ug/L	99
8) Chloroethane	2.934	64	434673	104.219	ug/L	99
9) Trichlorofluoromethane	3.269	101	447222	114.354	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	499410	105.831	ug/L	98
12) 1,1-Dichloroethene	4.050	96	504382	108.841	ug/L	95
13) Acetone	4.123	43	176820	201.915	ug/L	93
14) Carbon disulfide	4.391	76	1584245	106.136	ug/L	100
15) Methyl Acetate	4.672	43	200156	109.030	ug/L	99
16) Methylene chloride	4.921	84	484745	68.165	ug/L	100
17) trans-1,2-Dichloroethene	5.434	96	516209	104.619	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	623916	114.274	ug/L	98
19) 1,1-Dichloroethane	6.220	63	910930	105.120	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	550443	110.376	ug/L	98
22) 2-Butanone	7.171	43	267693	232.932	ug/L	100
23) Bromochloromethane	7.519	128	234266	104.372	ug/L	93
25) Chloroform	7.677	83	926388	103.415	ug/L	98
27) 1,2-Dichloroethane	8.403	62	604697	104.095	ug/L	98
29) Cyclohexane	7.964	56	880068	114.625	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	751485	101.262	ug/L	99
31) Carbon tetrachloride	8.073	117	714695	103.645	ug/L	100
33) Benzene	8.329	78	2082549	103.245	ug/L	100
34) Trichloroethene	9.098	95	547409	104.917	ug/L	95
35) Methylcyclohexane	9.341	83	1002161	111.628	ug/L	98
37) 1,2-Dichloropropane	9.372	63	508981	101.969	ug/L	99
38) Bromodichloromethane	9.646	83	681838	106.521	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	837311	113.689	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	612864	241.627	ug/L	97
42) Toluene	10.390	91	2319083	108.846	ug/L	95
44) trans-1,3-Dichloropropene	10.609	75	752505	116.231	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	374436	104.162	ug/L	97
46) Tetrachloroethene	10.859	164	398289	100.279	ug/L	92
48) 2-Hexanone	10.969	43	432633	242.071	ug/L	97
49) Dibromochloromethane	11.128	129	450969	109.053	ug/L	96
50) 1,2-Dibromoethane	11.237	107	364752	108.142	ug/L	100
51) Chlorobenzene	11.658	112	1418067	104.162	ug/L	99
52) Ethylbenzene	11.731	91	2566485	110.745	ug/L	99
53) m,p-Xylene	11.841	106	1017087	114.719	ug/L	98
54) o-Xylene	12.170	106	975920	116.362	ug/L	98
55) Styrene	12.182	104	1715555	119.783	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	462482	107.551	ug/L	99
59) Bromoform	12.347	173	253478	116.414	ug/L	99
60) Isopropylbenzene	12.463	105	2673099	116.850	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	343090	107.570	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	2189864	118.874	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2222561	119.678	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1100506	106.724	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	1079249	101.599	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	985797	105.455	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	76744	112.582	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	747047	104.462	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	597390	107.753	ug/L	96
71) Naphthalene	15.365	128	1296948	121.869	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	538744	104.522	ug/L	98

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

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