

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062821\
 Data File : VW019345.D
 Acq On : 28 Jun 2021 12:30
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100105

Quant Time: Jun 28 12:51:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 28 12:41:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	505828	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	471709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	229010	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	660064	100.258	ug/L	0.00
7) Chloroethane-d5	2.891	69	527632	94.635	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1378864	104.500	ug/L	0.00
21) 2-Butanone-d5	7.080	46	354217	206.217	ug/L	0.00
24) Chloroform-d	7.653	84	1395107	103.618	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	710901	95.275	ug/L	0.00
32) Benzene-d6	8.281	84	2806247	103.461	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	872195	106.193	ug/L	0.00
41) Toluene-d8	10.323	98	2565013	103.004	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	370695	106.311	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	306373	223.977	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	634338	95.674	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	807861	100.848	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	678173	106.648	ug/L	95
3) Chloromethane	2.221	50	700438	116.548	ug/L	98
5) Vinyl chloride	2.367	62	839500	93.322	ug/L	98
6) Bromomethane	2.782	94	464655	72.118	ug/L	100
8) Chloroethane	2.928	64	477351	90.258	ug/L	96
9) Trichlorofluoromethane	3.263	101	539524	109.521	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	672378	94.912	ug/L	95
12) 1,1-Dichloroethene	4.050	96	692247	99.163	ug/L	98
13) Acetone	4.135	43	188124	131.257	ug/L	86
14) Carbon disulfide	4.391	76	2187166	98.814	ug/L	100
15) Methyl Acetate	4.671	43	299743	99.155	ug/L	99
16) Methylene chloride	4.921	84	696829	75.891	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	743133	98.128	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	939546	97.964	ug/L	94
19) 1,1-Dichloroethane	6.220	63	1337560	99.462	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	799755	101.589	ug/L	98
22) 2-Butanone	7.177	43	368885	186.301	ug/L	99
23) Bromochloromethane	7.518	128	345962	100.152	ug/L	98
25) Chloroform	7.677	83	1298599	95.502	ug/L	99
27) 1,2-Dichloroethane	8.402	62	818832	90.041	ug/L	96
29) Cyclohexane	7.957	56	1284443	104.513	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	980330	92.476	ug/L	98
31) Carbon tetrachloride	8.073	117	941747	95.512	ug/L	100
33) Benzene	8.323	78	2980284	96.809	ug/L	100
34) Trichloroethene	9.091	95	781371	98.172	ug/L	93
35) Methylcyclohexane	9.335	83	1387257	100.273	ug/L	97
37) 1,2-Dichloropropane	9.372	63	739642	98.128	ug/L	98
38) Bromodichloromethane	9.646	83	943059	97.553	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	1203835	103.905	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	847420	192.592	ug/L	95
42) Toluene	10.390	91	3114621	94.721	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	1022107	100.672	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	528279	94.466	ug/L	96
46) Tetrachloroethene	10.865	164	594320	96.995	ug/L	95
48) 2-Hexanone	10.969	43	570001	193.032	ug/L	93
49) Dibromochloromethane	11.134	129	635106	102.351	ug/L	99
50) 1,2-Dibromoethane	11.237	107	520047	96.176	ug/L	98
51) Chlorobenzene	11.658	112	1990844	97.031	ug/L	98
52) Ethylbenzene	11.731	91	3412092	94.302	ug/L	100
53) m,p-Xylene	11.841	106	1335963	99.696	ug/L	100
54) o-Xylene	12.164	106	1288808	101.499	ug/L	98
55) Styrene	12.182	104	2168959	99.386	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	621608	91.013	ug/L	97
59) Bromoform	12.347	173	352516	103.083	ug/L	98
60) Isopropylbenzene	12.463	105	3331085	98.826	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	461809	92.872	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	2857489	103.210	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2812187	101.546	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1448672	98.410	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	1383578	91.959	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	1266702	95.671	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	101149	93.915	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	1035299	97.901	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	866373	99.126	ug/L	99
71) Naphthalene	15.365	128	1791392	104.038	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	775036	100.341	ug/L	97

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

