

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020659.D
 Acq On : 21 Oct 2021 09:27
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100405

Quant Time: Oct 21 09:43:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:26:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	200174	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	186995	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	92399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	287251	103.233	ug/L	0.00
7) Chloroethane-d5	2.873	69	111740	105.414	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	568895	112.687	ug/L	0.00
21) 2-Butanone-d5	7.079	46	207934	236.911	ug/L	0.00
24) Chloroform-d	7.646	84	576573	98.930	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	340732	98.502	ug/L	0.00
32) Benzene-d6	8.274	84	1137304	106.256	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	360411	102.969	ug/L	0.00
41) Toluene-d8	10.323	98	1028251	107.193	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	163817	113.202	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	159735	271.225	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	294229	100.774	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	327243	104.757	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	156927	118.496	ug/L	99
3) Chloromethane	2.214	50	275900	101.521	ug/L	96
5) Vinyl chloride	2.355	62	337420	95.841	ug/L	100
6) Bromomethane	2.763	94	126948	94.256	ug/L	97
8) Chloroethane	2.909	64	95676	97.356	ug/L	100
9) Trichlorofluoromethane	3.245	101	165878	124.746	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	285068	100.574	ug/L	99
12) 1,1-Dichloroethene	4.037	96	270442	107.130	ug/L	98
13) Acetone	4.123	43	178591	219.627	ug/L	96
14) Carbon disulfide	4.379	76	868742	104.164	ug/L	99
15) Methyl Acetate	4.671	43	173495	106.437	ug/L	99
16) Methylene chloride	4.915	84	279474	73.278	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	288882	103.703	ug/L	92
18) Methyl tert-butyl Ether	5.427	73	468958	116.986	ug/L	98
19) 1,1-Dichloroethane	6.214	63	572230	98.538	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	312088	110.613	ug/L	99
22) 2-Butanone	7.171	43	253709	238.409	ug/L	100
23) Bromochloromethane	7.512	128	131192	99.172	ug/L	97
25) Chloroform	7.677	83	547103	95.467	ug/L	97
27) 1,2-Dichloroethane	8.402	62	401374	98.467	ug/L	98
29) Cyclohexane	7.951	56	595740	120.166	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	437350	99.630	ug/L	99
31) Carbon tetrachloride	8.067	117	393220	101.389	ug/L	100
33) Benzene	8.323	78	1255008	97.856	ug/L	100
34) Trichloroethene	9.091	95	312793	102.562	ug/L	98
35) Methylcyclohexane	9.335	83	579208	113.451	ug/L	99
37) 1,2-Dichloropropane	9.372	63	325325	100.067	ug/L	100
38) Bromodichloromethane	9.646	83	405772	102.878	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	515517	118.650	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	512600	244.365	ug/L	99
42) Toluene	10.390	91	1322516	106.784	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	460188	116.478	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	223519	101.121	ug/L	99
46) Tetrachloroethene	10.865	164	234837	102.487	ug/L	98
48) 2-Hexanone	10.969	43	380369	241.895	ug/L	100
49) Dibromochloromethane	11.127	129	254925	107.238	ug/L	97
50) 1,2-Dibromoethane	11.237	107	214938	106.323	ug/L	98
51) Chlorobenzene	11.658	112	777386	99.615	ug/L	97
52) Ethylbenzene	11.731	91	1472052	109.754	ug/L	99
53) m,p-Xylene	11.841	106	548902	111.211	ug/L	100
54) o-Xylene	12.164	106	526717	115.483	ug/L	98
55) Styrene	12.182	104	920565	114.805	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	288424	102.635	ug/L	99
59) Bromoform	12.347	173	150437	115.094	ug/L	97
60) Isopropylbenzene	12.463	105	1431264	119.312	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	221254	106.096	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	1195714	122.979	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1198507	123.337	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	584124	107.786	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	566861	99.458	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	518306	104.701	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.480	75	50403	107.826	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	390900	102.063	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	335124	111.213	ug/L	96
71) Naphthalene	15.364	128	728631	129.372	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	298727	108.159	ug/L	99

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

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