

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081121\
 Data File : VW019708.D
 Acq On : 11 Aug 2021 12:19
 Operator : SY/VA
 Sample : VSTD05027
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050427

Quant Time: Aug 11 18:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 11 18:12:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	449954	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	357393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	217876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	223916	42.616	ug/L	0.00
7) Chloroethane-d5	2.891	69	231510	44.578	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	575366	53.220	ug/L	0.00
21) 2-Butanone-d5	7.086	46	157265	91.648	ug/L	0.00
24) Chloroform-d	7.653	84	637603	46.872	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	378176	47.756	ug/L	0.00
32) Benzene-d6	8.281	84	1247082	52.702	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	386846	54.341	ug/L	0.00
41) Toluene-d8	10.329	98	1139327	52.783	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	150601	51.237	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	146330	117.171	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	363432	58.836	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	402981	50.148	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	216509	41.907	ug/L	98
3) Chloromethane	2.221	50	198757	39.877	ug/L	98
5) Vinyl chloride	2.367	62	291198	43.363	ug/L	97
6) Bromomethane	2.788	94	249671	47.462	ug/L	96
8) Chloroethane	2.928	64	207772	46.013	ug/L	98
9) Trichlorofluoromethane	3.269	101	195925	47.130	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	307386	55.484	ug/L	96
12) 1,1-Dichloroethene	4.050	96	294564	54.633	ug/L	94
13) Acetone	4.141	43	172811	122.509	ug/L	94
14) Carbon disulfide	4.397	76	809410	52.727	ug/L	100
15) Methyl Acetate	4.678	43	160181	60.725	ug/L	99
16) Methylene chloride	4.921	84	336024	44.688	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	326129	55.335	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	508612	59.394	ug/L	98
19) 1,1-Dichloroethane	6.220	63	622011	50.218	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	321462	48.129	ug/L	99
22) 2-Butanone	7.177	43	203657	107.942	ug/L	99
23) Bromochloromethane	7.519	128	135738	43.920	ug/L	100
25) Chloroform	7.683	83	644040	50.764	ug/L	98
27) 1,2-Dichloroethane	8.402	62	450194	50.804	ug/L	99
29) Cyclohexane	7.964	56	524581	59.232	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	505556	55.250	ug/L	100
31) Carbon tetrachloride	8.073	117	469986	55.654	ug/L	99
33) Benzene	8.329	78	1368803	55.266	ug/L	100
34) Trichloroethene	9.097	95	353013	57.487	ug/L	94
35) Methylcyclohexane	9.335	83	598861	58.933	ug/L	97
37) 1,2-Dichloropropane	9.372	63	350642	56.648	ug/L	99
38) Bromodichloromethane	9.646	83	429123	54.733	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	580461	61.461	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	484910	127.473	ug/L	98
42) Toluene	10.390	91	1509640	58.058	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	455419	55.068	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	230516	50.352	ug/L	97
46) Tetrachloroethene	10.865	164	225706	48.884	ug/L	94
48) 2-Hexanone	10.969	43	321841	122.981	ug/L	98
49) Dibromochloromethane	11.128	129	257526	50.768	ug/L	99
50) 1,2-Dibromoethane	11.237	107	240020	55.093	ug/L	100
51) Chlorobenzene	11.658	112	805380	50.650	ug/L	98
52) Ethylbenzene	11.731	91	1512191	55.488	ug/L	97
53) m,p-Xylene	11.841	106	557413	53.725	ug/L	98
54) o-Xylene	12.170	106	623543	62.275	ug/L	100
55) Styrene	12.182	104	1093043	63.568	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	357820	61.427	ug/L	99
59) Bromoform	12.347	173	183910	55.533	ug/L	98
60) Isopropylbenzene	12.463	105	1705893	57.255	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	269732	54.742	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	1433256	57.765	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1449180	55.989	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	731803	50.720	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	741227	50.960	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	674788	53.279	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	47284	49.178	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	436871	47.398	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	380370	49.011	ug/L	97
71) Naphthalene	15.365	128	777382	51.534	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	314075	45.753	ug/L	94

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

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