

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024526.D
 Acq On : 02 Sep 2022 11:12
 Operator : SY/VA
 Sample : VSTD10029
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100429

Quant Time: Sep 02 23:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:31:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	409096	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	406899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	770091	94.316	ug/L	0.00
7) Chloroethane-d5	2.867	69	592812	97.515	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	931216	96.839	ug/L	0.00
21) 2-Butanone-d5	7.074	46	245333	188.029	ug/L	0.00
24) Chloroform-d	7.641	84	1010075	92.723	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	515658	87.653	ug/L	0.00
32) Benzene-d6	8.269	84	1983399	93.443	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	559652	90.111	ug/L	0.00
41) Toluene-d8	10.323	98	1930992	95.528	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	262931	97.045	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	214908	202.011	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	493021	87.319	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	655190	93.697	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.995	85	155489	139.202	ug/L	98
3) Chloromethane	2.209	50	520175	91.318	ug/L	100
5) Vinyl chloride	2.349	62	857168	85.095	ug/L	96
6) Bromomethane	2.745	94	584611	85.244	ug/L	96
8) Chloroethane	2.904	64	486875	91.055	ug/L	95
9) Trichlorofluoromethane	3.233	101	340664	89.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	529944	92.646	ug/L	97
12) 1,1-Dichloroethene	4.032	96	480925	95.374	ug/L	85
13) Acetone	4.117	43	167840	167.498	ug/L	96
14) Carbon disulfide	4.373	76	1273279	91.678	ug/L	98
15) Methyl Acetate	4.666	43	214499	94.154	ug/L	98
16) Methylene chloride	4.909	84	497049	85.830	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	531891	94.926	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	958647	98.766	ug/L	99
19) 1,1-Dichloroethane	6.208	63	939791	92.616	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	594966	97.544	ug/L	95
22) 2-Butanone	7.165	43	302013	185.577	ug/L	99
23) Bromochloromethane	7.506	128	264724	93.547	ug/L	96
25) Chloroform	7.671	83	1035717	92.968	ug/L	99
27) 1,2-Dichloroethane	8.397	62	655508	89.578	ug/L	96
29) Cyclohexane	7.952	56	826603	97.841	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	859956	93.433	ug/L	97
31) Carbon tetrachloride	8.061	117	796674	95.462	ug/L	97
33) Benzene	8.317	78	2176365	89.946	ug/L	100
34) Trichloroethene	9.085	95	585705	91.194	ug/L	96
35) Methylcyclohexane	9.335	83	970691	95.507	ug/L	98
37) 1,2-Dichloropropane	9.366	63	532207	91.279	ug/L	100
38) Bromodichloromethane	9.640	83	775107	94.045	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	894133	101.858	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	708855	195.489	ug/L	100
42) Toluene	10.384	91	2504767	95.066	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	806501	102.424	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	448087	92.046	ug/L	98
46) Tetrachloroethene	10.860	164	455075	96.957	ug/L	91
48) 2-Hexanone	10.963	43	480296	203.280	ug/L	99
49) Dibromochloromethane	11.128	129	570580	99.752	ug/L	99
50) 1,2-Dibromoethane	11.231	107	433331	93.991	ug/L	99
51) Chlorobenzene	11.652	112	1666669	93.212	ug/L	98
52) Ethylbenzene	11.725	91	2858743	96.925	ug/L	100
53) m,p-Xylene	11.835	106	1138596	98.715	ug/L	97
54) o-Xylene	12.164	106	1110156	100.543	ug/L	99
55) Styrene	12.176	104	1958232	102.099	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	543351	90.192	ug/L	100
59) Bromoform	12.347	173	325601	104.919	ug/L	100
60) Isopropylbenzene	12.463	105	3030084	100.274	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	384911	89.200	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	2589413	103.878	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2551830	104.598	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	1292611	96.032	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	1264660	91.710	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	1165165	93.763	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	85365	87.401	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	856021	98.924	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	690099	104.292	ug/L	95
71) Naphthalene	15.359	128	1573297	112.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	630870	105.714	ug/L	97

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

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