

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030902.D
 Acq On : 04 Nov 2024 11:27
 Operator : SY/MD
 Sample : VSTD05018
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050418

Quant Time: Nov 05 00:10:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	467544	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	426100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	369371	48.169	ug/L	0.00
7) Chloroethane-d5	2.899	69	296861	50.477	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	162242	51.276	ug/L	0.00
21) 2-Butanone-d5	7.075	46	142740	114.201	ug/L	0.00
24) Chloroform-d	7.648	84	731858	53.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	363211	53.000	ug/L	0.00
32) Benzene-d6	8.276	84	1432041	54.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	414105	53.066	ug/L	0.00
41) Toluene-d8	10.325	98	1314195	55.349	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	176324	55.744	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	123954	122.563	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	293455	53.976	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	417092	56.914	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	227421	48.995	ug/L	99
3) Chloromethane	2.229	50	331155	49.348	ug/L	100
5) Vinyl chloride	2.375	62	374411	47.078	ug/L	97
6) Bromomethane	2.783	94	244445	46.811	ug/L	93
8) Chloroethane	2.930	64	232639	48.253	ug/L	97
9) Trichlorofluoromethane	3.265	101	368378	51.407	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	320129	50.045	ug/L	94
12) 1,1-Dichloroethene	4.045	96	309115	51.150	ug/L	99
13) Acetone	4.125	43	154484	104.152	ug/L	100
14) Carbon disulfide	4.387	76	976174	49.137	ug/L	100
15) Methyl Acetate	4.667	43	113405	50.164	ug/L	99
16) Methylene chloride	4.917	84	309919	46.887	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	336877	50.813	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	472056	52.753	ug/L	100
19) 1,1-Dichloroethane	6.216	63	609403	49.258	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	366650	52.131	ug/L	99
22) 2-Butanone	7.167	43	191866	112.067	ug/L	98
23) Bromochloromethane	7.508	128	151172	49.080	ug/L	98
25) Chloroform	7.679	83	634712	48.759	ug/L	95
27) 1,2-Dichloroethane	8.398	62	395085	48.734	ug/L	100
29) Cyclohexane	7.953	56	559828	54.825	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	534603	48.842	ug/L	100
31) Carbon tetrachloride	8.069	117	477071	48.506	ug/L	98
33) Benzene	8.325	78	1373001	49.992	ug/L	100
34) Trichloroethene	9.093	95	372594	49.198	ug/L	93
35) Methylcyclohexane	9.337	83	619141	51.581	ug/L	99
37) 1,2-Dichloropropane	9.368	63	335589	48.892	ug/L	100
38) Bromodichloromethane	9.642	83	445283	49.400	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	553139	53.871	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	337686	108.428	ug/L	100
42) Toluene	10.386	91	1475906	50.748	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	455133	53.356	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	240331	48.781	ug/L	98
46) Tetrachloroethene	10.861	164	281832	48.678	ug/L	92
48) 2-Hexanone	10.965	43	266405	111.554	ug/L	96
49) Dibromochloromethane	11.129	129	268563	49.996	ug/L	97
50) 1,2-Dibromoethane	11.233	107	229296	50.468	ug/L	100
51) Chlorobenzene	11.654	112	922030	49.537	ug/L	99
52) Ethylbenzene	11.727	91	1715182	52.194	ug/L	99
53) m,p-Xylene	11.837	106	655208	53.013	ug/L	96
54) o-Xylene	12.160	106	600822	52.832	ug/L	96
55) Styrene	12.178	104	1048735	53.974	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	262857	48.889	ug/L	100
59) Bromoform	12.349	173	153069	53.283	ug/L	95
60) Isopropylbenzene	12.458	105	1696953	55.296	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	188754	50.042	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1406624	58.215	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1351514	57.436	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	707218	52.483	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	709033	51.253	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	615851	51.279	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	41115	51.487	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	459079	51.340	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	384375	54.135	ug/L	98
71) Naphthalene	15.354	128	680454	59.117	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	318265	52.011	ug/L	97

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

