

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027946.D
 Acq On : 05 Feb 2024 11:10
 Operator : SY/MD
 Sample : VSTD05013
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050413

Quant Time: Feb 06 02:02:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	309764	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288121	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	190522	52.514	ug/L	0.00
7) Chloroethane-d5	2.899	69	140711	51.134	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	83749	53.949	ug/L	-0.01
21) 2-Butanone-d5	7.081	46	61291	108.494	ug/L	0.00
24) Chloroform-d	7.648	84	388611	53.653	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	174318	53.288	ug/L	0.00
32) Benzene-d6	8.270	84	811049	52.613	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	213492	51.079	ug/L	0.00
41) Toluene-d8	10.319	98	779191	52.828	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	92668	53.913	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	62568	110.055	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	159806	51.155	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	264873	53.051	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	130831	49.046	ug/L	100
3) Chloromethane	2.223	50	140546	47.976	ug/L	98
5) Vinyl chloride	2.375	62	190565	47.994	ug/L	99
6) Bromomethane	2.790	94	131005	46.694	ug/L	100
8) Chloroethane	2.936	64	111566	49.730	ug/L	94
9) Trichlorofluoromethane	3.271	101	176072	48.793	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	178461	49.594	ug/L	98
12) 1,1-Dichloroethene	4.045	96	171089	50.564	ug/L	90
13) Acetone	4.149	43	54617	100.746	ug/L	94
14) Carbon disulfide	4.387	76	475758	47.493	ug/L	99
15) Methyl Acetate	4.679	43	44949	49.256	ug/L	99
16) Methylene chloride	4.911	84	172353	44.516	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	181386	49.895	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	219776	50.996	ug/L	99
19) 1,1-Dichloroethane	6.216	63	301699	51.087	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	197482	51.443	ug/L	99
22) 2-Butanone	7.173	43	66408	104.949	ug/L	98
23) Bromochloromethane	7.514	128	87723	51.444	ug/L	93
25) Chloroform	7.673	83	324936	51.180	ug/L	97
27) 1,2-Dichloroethane	8.398	62	182162	51.523	ug/L	97
29) Cyclohexane	7.953	56	252305	49.131	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	273285	49.135	ug/L	99
31) Carbon tetrachloride	8.069	117	250059	48.598	ug/L	99
33) Benzene	8.319	78	700907	48.706	ug/L	100
34) Trichloroethene	9.087	95	197984	47.924	ug/L	97
35) Methylcyclohexane	9.331	83	329784	48.511	ug/L	98
37) 1,2-Dichloropropane	9.368	63	167025	49.392	ug/L	100
38) Bromodichloromethane	9.642	83	224024	49.631	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	283936	52.385	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	129641	101.572	ug/L	98
42) Toluene	10.386	91	797851	49.449	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	227558	52.896	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	132228	49.401	ug/L	98
46) Tetrachloroethene	10.861	164	168804	48.562	ug/L	92
48) 2-Hexanone	10.965	43	98435	101.821	ug/L	98
49) Dibromochloromethane	11.123	129	156409	51.257	ug/L	91
50) 1,2-Dibromoethane	11.233	107	126566	50.659	ug/L	96
51) Chlorobenzene	11.654	112	530695	49.453	ug/L	97
52) Ethylbenzene	11.727	91	905913	49.798	ug/L	100
53) m,p-Xylene	11.837	106	354713	49.719	ug/L	91
54) o-Xylene	12.160	106	345720	51.668	ug/L	100
55) Styrene	12.178	104	567403	50.911	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	141045	49.208	ug/L	96
59) Bromoform	12.349	173	89817	51.804	ug/L #	96
60) Isopropylbenzene	12.459	105	962247	52.464	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	99182	50.593	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	780658	53.189	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	759430	52.877	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	420329	49.888	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	441779	51.570	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	378806	50.903	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	20056	51.529	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	302020	49.920	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	242075	49.548	ug/L	98
71) Naphthalene	15.354	128	406728	53.573	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	213340	52.338	ug/L	98

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

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