

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029477.D
 Acq On : 08 Jul 2024 13:00
 Operator : SY/MD
 Sample : VSTD10056
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100456

Quant Time: Jul 09 01:59:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	269869	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	255823	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	411186	106.708	ug/L	0.00
7) Chloroethane-d5	2.887	69	306268	96.726	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.021	65	199942	108.183	ug/L	0.00
21) 2-Butanone-d5	7.075	46	304765	262.081	ug/L	0.00
24) Chloroform-d	7.648	84	841228	103.776	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	501514	107.225	ug/L	0.00
32) Benzene-d6	8.270	84	1640338	104.641	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	536367	107.063	ug/L	0.00
41) Toluene-d8	10.319	98	1502812	108.915	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	247569	120.986	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	222846	276.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	435841	108.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	466590	111.806	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	224693	86.783	ug/L	94
3) Chloromethane	2.229	50	366829	97.079	ug/L	96
5) Vinyl chloride	2.375	62	382471	88.782	ug/L	95
6) Bromomethane	2.777	94	234471	90.046	ug/L	92
8) Chloroethane	2.924	64	245472	92.614	ug/L	97
9) Trichlorofluoromethane	3.265	101	396914	115.500	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	359095	96.965	ug/L	93
12) 1,1-Dichloroethene	4.045	96	343325	107.420	ug/L	90
13) Acetone	4.125	43	255069	241.344	ug/L	99
14) Carbon disulfide	4.393	76	1129949	106.890	ug/L	100
15) Methyl Acetate	4.667	43	261903	131.839	ug/L	99
16) Methylene chloride	4.923	84	392041	81.248	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	399737	111.688	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	730594	126.682	ug/L	99
19) 1,1-Dichloroethane	6.216	63	822009	107.720	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	449259	113.991	ug/L	98
22) 2-Butanone	7.167	43	378731	269.929	ug/L	99
23) Bromochloromethane	7.514	128	199966	114.237	ug/L	93
25) Chloroform	7.673	83	791429	106.689	ug/L	98
27) 1,2-Dichloroethane	8.398	62	586482	106.083	ug/L	99
29) Cyclohexane	7.959	56	723460	119.381	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	609377	104.584	ug/L	99
31) Carbon tetrachloride	8.069	117	567207	106.548	ug/L	99
33) Benzene	8.325	78	1693599	107.823	ug/L	100
34) Trichloroethene	9.087	95	451699	107.337	ug/L	92
35) Methylcyclohexane	9.337	83	751484	113.531	ug/L	98
37) 1,2-Dichloropropane	9.368	63	470636	106.644	ug/L	100
38) Bromodichloromethane	9.642	83	584322	108.494	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	782636	123.726	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	753647	267.300	ug/L	99
42) Toluene	10.386	91	1766847	109.468	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	672140	125.302	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	346599	111.565	ug/L	98
46) Tetrachloroethene	10.861	164	302120	101.826	ug/L	81
48) 2-Hexanone	10.965	43	547134	269.580	ug/L	98
49) Dibromochloromethane	11.130	129	374442	115.962	ug/L	94
50) 1,2-Dibromoethane	11.233	107	334477	119.303	ug/L	92
51) Chlorobenzene	11.654	112	1146864	109.978	ug/L	99
52) Ethylbenzene	11.727	91	2048461	111.389	ug/L	99
53) m,p-Xylene	11.837	106	754422	112.363	ug/L	99
54) o-Xylene	12.160	106	721101	114.800	ug/L	99
55) Styrene	12.178	104	1258737	115.340	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	431724	112.435	ug/L #	99
59) Bromoform	12.343	173	219547	129.225	ug/L	99
60) Isopropylbenzene	12.459	105	1973342	122.082	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	326027	120.910	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1474535	125.276	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1581288	125.150	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	832703	117.847	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	822269	110.346	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	753857	116.810	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	80240	126.736	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	510856	108.709	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	482071	125.106	ug/L	96
71) Naphthalene	15.360	128	1161306	150.131	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	431247	121.545	ug/L	96

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

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