

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031230.D
 Acq On : 13 Dec 2024 11:03
 Operator : SY/MD
 Sample : VSTD10050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100450

Quant Time: Dec 14 00:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:07:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	773391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	667051	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	310021	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	1148485	98.696	ug/L	0.00
7) Chloroethane-d5	2.893	69	831249	97.118	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	561998	101.815	ug/L	0.00
21) 2-Butanone-d5	7.094	46	440628	200.962	ug/L	0.00
24) Chloroform-d	7.648	84	2136265	100.814	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1060669	99.668	ug/L	0.00
32) Benzene-d6	8.270	84	4196958	98.165	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	1249189	100.252	ug/L	0.00
41) Toluene-d8	10.319	98	3931338	98.842	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	592422	103.111	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	352512	210.365	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	795782	101.716	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1151570	100.056	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	761297	108.918	ug/L	98
3) Chloromethane	2.223	50	796986	101.497	ug/L	98
5) Vinyl chloride	2.369	62	1017221	93.476	ug/L	99
6) Bromomethane	2.789	94	629055	94.027	ug/L	94
8) Chloroethane	2.930	64	605458	93.557	ug/L	97
9) Trichlorofluoromethane	3.265	101	1122850	96.858	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	890401	95.014	ug/L	95
12) 1,1-Dichloroethene	4.039	96	912106	96.202	ug/L	95
13) Acetone	4.173	43	554070	175.055	ug/L #	100
14) Carbon disulfide	4.381	76	2965655	95.911	ug/L	100
15) Methyl Acetate	4.685	43	328108	95.991	ug/L	100
16) Methylene chloride	4.911	84	888587	91.237	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	985367	96.417	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	1612174	94.360	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1839292	96.310	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	1068403	96.624	ug/L	96
22) 2-Butanone	7.185	43	651218	179.588	ug/L	98
23) Bromochloromethane	7.520	128	436048	98.880	ug/L	91
25) Chloroform	7.673	83	1757887	93.265	ug/L	97
27) 1,2-Dichloroethane	8.398	62	1134871	95.773	ug/L	98
29) Cyclohexane	7.953	56	1668846	92.252	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	1596015	92.570	ug/L	100
31) Carbon tetrachloride	8.069	117	1411690	91.905	ug/L	97
33) Benzene	8.325	78	3753520	91.056	ug/L	100
34) Trichloroethene	9.093	95	1086347	93.345	ug/L	96
35) Methylcyclohexane	9.331	83	1854189	91.486	ug/L	99
37) 1,2-Dichloropropane	9.368	63	958519	93.209	ug/L	99
38) Bromodichloromethane	9.642	83	1277862	95.584	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	1663067	95.703	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	1001881	183.634	ug/L	99
42) Toluene	10.386	91	4152304	92.519	ug/L	95
44) trans-1,3-Dichloropropene	10.599	75	1353363	95.381	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	654259	95.658	ug/L	98
46) Tetrachloroethene	10.861	164	793540	93.087	ug/L	98
48) 2-Hexanone	10.965	43	929978	200.419	ug/L	99
49) Dibromochloromethane	11.129	129	781750	96.417	ug/L	95
50) 1,2-Dibromoethane	11.233	107	624026	96.305	ug/L	96
51) Chlorobenzene	11.654	112	2673471	95.008	ug/L	98
52) Ethylbenzene	11.727	91	4806136	92.398	ug/L	94
53) m,p-Xylene	11.837	106	1832773	92.557	ug/L	99
54) o-Xylene	12.160	106	1735802	93.012	ug/L	94
55) Styrene	12.178	104	2876957	92.679	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	688862	93.388	ug/L	94
59) Bromoform	12.349	173	421892	96.869	ug/L	98
60) Isopropylbenzene	12.458	105	4749568	93.617	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	514637	97.010	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	3954630	91.941	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	3814319	91.750	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1958663	95.289	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	1915371	94.047	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	1648899	93.102	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	128686	95.589	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	1294365	89.912	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	1106932	92.435	ug/L	98
71) Naphthalene	15.354	128	2055642	97.911	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	908057	94.115	ug/L	98

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

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