

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028085.D
 Acq On : 29 Feb 2024 11:38
 Operator : SY/MD
 Sample : VSTD05019
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050419

Quant Time: Mar 01 00:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	273242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	254181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128224	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157339	48.238	ug/L	0.00
7) Chloroethane-d5	2.905	69	129523	51.261	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	65673	49.292	ug/L	0.00
21) 2-Butanone-d5	7.075	46	49589	106.577	ug/L	0.00
24) Chloroform-d	7.648	84	297194	51.352	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	136651	50.735	ug/L	0.00
32) Benzene-d6	8.276	84	602599	50.784	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	155095	50.590	ug/L	0.00
41) Toluene-d8	10.319	98	572392	51.187	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	71516	53.232	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	48880	113.194	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125872	52.021	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	202284	53.046	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	122861	44.204	ug/L	99
3) Chloromethane	2.229	50	127808	48.153	ug/L	100
5) Vinyl chloride	2.375	62	169764	45.896	ug/L	100
6) Bromomethane	2.790	94	137286	46.522	ug/L	90
8) Chloroethane	2.936	64	109949	47.331	ug/L	98
9) Trichlorofluoromethane	3.271	101	160928	46.644	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	165698	46.194	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	156373	46.037	ug/L	90
13) Acetone	4.125	43	66901	103.565	ug/L	100
14) Carbon disulfide	4.393	76	476485	46.051	ug/L	99
15) Methyl Acetate	4.673	43	43079	46.864	ug/L	97
16) Methylene chloride	4.917	84	148808	39.590	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	164027	45.193	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	209962	47.236	ug/L	100
19) 1,1-Dichloroethane	6.222	63	258012	44.959	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	177529	46.478	ug/L	96
22) 2-Butanone	7.167	43	74715	102.865	ug/L	100
23) Bromochloromethane	7.520	128	82487	46.001	ug/L	91
25) Chloroform	7.673	83	284179	44.334	ug/L	99
27) 1,2-Dichloroethane	8.398	62	173359	45.482	ug/L	100
29) Cyclohexane	7.959	56	229704	46.995	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	253728	44.708	ug/L	99
31) Carbon tetrachloride	8.069	117	240959	45.467	ug/L	100
33) Benzene	8.325	78	623774	45.425	ug/L	100
34) Trichloroethene	9.093	95	176511	43.870	ug/L	96
35) Methylcyclohexane	9.337	83	306144	47.013	ug/L	97
37) 1,2-Dichloropropane	9.368	63	144177	45.086	ug/L	100
38) Bromodichloromethane	9.642	83	207323	44.885	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	253162	48.141	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	120947	95.224	ug/L	98
42) Toluene	10.386	91	700957	45.176	ug/L	90
44) trans-1,3-Dichloropropene	10.605	75	207659	48.609	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	120011	44.749	ug/L	97
46) Tetrachloroethene	10.855	164	153222	45.438	ug/L	96
48) 2-Hexanone	10.965	43	104598	101.849	ug/L	99
49) Dibromochloromethane	11.129	129	149314	47.892	ug/L	94
50) 1,2-Dibromoethane	11.233	107	118692	45.950	ug/L	92
51) Chlorobenzene	11.654	112	458053	44.243	ug/L	94
52) Ethylbenzene	11.727	91	825987	46.562	ug/L	96
53) m,p-Xylene	11.837	106	317308	46.102	ug/L	97
54) o-Xylene	12.160	106	307859	47.262	ug/L	98
55) Styrene	12.178	104	521743	46.965	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	132201	45.716	ug/L	98
59) Bromoform	12.349	173	87664	48.226	ug/L	96
60) Isopropylbenzene	12.459	105	854303	48.565	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	91877	46.612	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	556628	48.263	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	689891	50.161	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	364723	44.862	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	377943	46.048	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	345490	47.178	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	20109	48.573	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	281708	46.955	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	229611	47.656	ug/L	96
71) Naphthalene	15.360	128	403822	51.246	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	189597	47.057	ug/L	95

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

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