

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029716.D
 Acq On : 24 Jul 2024 16:40
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050461

Quant Time: Jul 25 01:12:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	241598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	224830	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110455	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	153363	40.917	ug/L	0.00
7) Chloroethane-d5	2.899	69	115993	42.878	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	74523	43.880	ug/L	-0.01
21) 2-Butanone-d5	7.081	46	95186	83.627	ug/L	0.00
24) Chloroform-d	7.648	84	318384	46.948	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	184393	46.474	ug/L	0.00
32) Benzene-d6	8.276	84	621627	47.585	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	198837	47.498	ug/L	0.00
41) Toluene-d8	10.319	98	567933	49.079	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	85358	48.403	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	68743	90.328	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149487	44.378	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	176114	46.910	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	173481	65.353	ug/L	97
3) Chloromethane	2.229	50	212345	62.581	ug/L	99
5) Vinyl chloride	2.375	62	222905	57.889	ug/L	99
6) Bromomethane	2.789	94	124862	56.301	ug/L	95
8) Chloroethane	2.936	64	130171	56.040	ug/L	96
9) Trichlorofluoromethane	3.265	101	194171	57.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	172670	52.613	ug/L	99
12) 1,1-Dichloroethene	4.045	96	165283	53.444	ug/L	95
13) Acetone	4.125	43	110204	92.320	ug/L	98
14) Carbon disulfide	4.387	76	567435	56.065	ug/L	99
15) Methyl Acetate	4.673	43	97321	46.690	ug/L	100
16) Methylene chloride	4.917	84	187866	42.529	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	179510	52.868	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	302297	52.274	ug/L	98
19) 1,1-Dichloroethane	6.216	63	371802	53.227	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	196395	53.136	ug/L	96
22) 2-Butanone	7.173	43	148399	94.953	ug/L	99
23) Bromochloromethane	7.514	128	82364	50.125	ug/L	92
25) Chloroform	7.679	83	349996	52.093	ug/L	98
27) 1,2-Dichloroethane	8.398	62	256929	51.323	ug/L	99
29) Cyclohexane	7.953	56	337997	58.377	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	276903	52.813	ug/L	99
31) Carbon tetrachloride	8.075	117	252792	52.449	ug/L	100
33) Benzene	8.325	78	767577	53.522	ug/L	100
34) Trichloroethene	9.087	95	193627	51.360	ug/L	96
35) Methylcyclohexane	9.337	83	345407	55.867	ug/L	98
37) 1,2-Dichloropropane	9.367	63	208155	52.422	ug/L	100
38) Bromodichloromethane	9.642	83	249260	51.600	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	323211	54.524	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	280959	101.145	ug/L	99
42) Toluene	10.386	91	802480	54.681	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	268387	53.151	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	140937	49.852	ug/L	96
46) Tetrachloroethene	10.861	164	146240	55.248	ug/L	86
48) 2-Hexanone	10.965	43	209543	101.191	ug/L	98
49) Dibromochloromethane	11.123	129	147148	50.241	ug/L	100
50) 1,2-Dibromoethane	11.233	107	131454	48.999	ug/L	95
51) Chlorobenzene	11.654	112	473282	50.207	ug/L	99
52) Ethylbenzene	11.727	91	911004	55.055	ug/L	99
53) m,p-Xylene	11.837	106	332764	54.685	ug/L	99
54) o-Xylene	12.160	106	315569	56.249	ug/L	99
55) Styrene	12.178	104	539669	54.430	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	172161	48.363	ug/L	96
59) Bromoform	12.349	173	86558	50.066	ug/L	98
60) Isopropylbenzene	12.458	105	883613	55.247	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	128320	47.211	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	716235	62.040	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	721480	57.533	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	347249	48.767	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	344986	47.513	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	320534	49.809	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	29341	45.538	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	240529	51.277	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	202151	49.930	ug/L	97
71) Naphthalene	15.360	128	424474	49.800	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	187041	51.080	ug/L	98

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

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