

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026434.D
 Acq On : 29 Jun 2023 13:31
 Operator : SY/MD
 Sample : VSTD05074
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050474

Quant Time: Jun 30 00:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	875050	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	779356	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	368535	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	526545	52.867	ug/L	0.00
7) Chloroethane-d5	2.893	69	399938	49.331	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	252266	49.993	ug/L	0.00
21) 2-Butanone-d5	7.075	46	356248	94.923	ug/L	0.00
24) Chloroform-d	7.648	84	1023958	48.008	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	544278	46.686	ug/L	0.00
32) Benzene-d6	8.276	84	2116272	46.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	685008	47.418	ug/L	0.00
41) Toluene-d8	10.324	98	1888626	47.171	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	273937	47.044	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	239766	99.244	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	517545	46.398	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	591044	46.058	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	417036	49.704	ug/L	# 85
3) Chloromethane	2.228	50	670424	55.699	ug/L	98
5) Vinyl chloride	2.375	62	646248	52.095	ug/L	100
6) Bromomethane	2.789	94	353960	50.130	ug/L	98
8) Chloroethane	2.936	64	376672	50.071	ug/L	100
9) Trichlorofluoromethane	3.265	101	474544	52.608	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	521794	52.866	ug/L	98
12) 1,1-Dichloroethene	4.045	96	510861	52.315	ug/L	96
13) Acetone	4.118	43	229657	86.340	ug/L	98
14) Carbon disulfide	4.393	76	1702846	53.695	ug/L	100
15) Methyl Acetate	4.667	43	305324	52.865	ug/L	98
16) Methylene chloride	4.923	84	574614	39.067	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	549676	52.146	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	914615	53.093	ug/L	99
19) 1,1-Dichloroethane	6.215	63	1105947	52.141	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	602150	50.433	ug/L	98
22) 2-Butanone	7.167	43	394093	90.368	ug/L	100
23) Bromochloromethane	7.514	128	246372	49.614	ug/L	96
25) Chloroform	7.679	83	999721	48.561	ug/L	100
27) 1,2-Dichloroethane	8.398	62	675888	48.016	ug/L	100
29) Cyclohexane	7.959	56	1106026	50.061	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	799076	48.131	ug/L	99
31) Carbon tetrachloride	8.069	117	727722	48.686	ug/L	98
33) Benzene	8.325	78	2309352	47.318	ug/L	100
34) Trichloroethene	9.093	95	594588	47.825	ug/L	95
35) Methylcyclohexane	9.337	83	1094162	49.401	ug/L	98
37) 1,2-Dichloropropane	9.367	63	621715	47.985	ug/L	100
38) Bromodichloromethane	9.642	83	715194	49.181	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	974577	50.257	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	867781	97.549	ug/L	99
42) Toluene	10.385	91	2382787	47.720	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	803398	50.692	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	413569	46.860	ug/L	96
46) Tetrachloroethene	10.861	164	421901	47.999	ug/L	93
48) 2-Hexanone	10.965	43	602595	100.920	ug/L	100
49) Dibromochloromethane	11.129	129	439291	49.973	ug/L	99
50) 1,2-Dibromoethane	11.233	107	394930	48.663	ug/L	91
51) Chlorobenzene	11.653	112	1462610	47.342	ug/L	97
52) Ethylbenzene	11.727	91	2725210	48.502	ug/L	97
53) m,p-Xylene	11.836	106	1018225	48.872	ug/L	100
54) o-Xylene	12.166	106	962733	49.822	ug/L	92
55) Styrene	12.178	104	1651818	50.080	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	515247	47.810	ug/L	99
59) Bromoform	12.349	173	243703	49.941	ug/L	97
60) Isopropylbenzene	12.458	105	2665935	49.596	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	381204	47.325	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2165764	50.668	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2192049	52.494	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1082959	48.018	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	1080870	48.188	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	965816	47.323	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	85324	46.433	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	734027	47.810	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	624813	47.021	ug/L	99
71) Naphthalene	15.360	128	1351694	49.905	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	532767	46.623	ug/L	99

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

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