

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026435.D
 Acq On : 29 Jun 2023 13:55
 Operator : SY/MD
 Sample : VSTD10075
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100475

Quant Time: Jun 30 00:49:50 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	876609	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	759925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	352599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1039030	104.136	ug/L	0.00
7) Chloroethane-d5	2.893	69	787979	97.022	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	499895	98.890	ug/L	0.00
21) 2-Butanone-d5	7.075	46	709228	188.640	ug/L	0.00
24) Chloroform-d	7.648	84	2014014	94.259	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1051417	90.026	ug/L	0.00
32) Benzene-d6	8.276	84	4134131	93.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1352614	96.025	ug/L	0.00
41) Toluene-d8	10.319	98	3648047	93.444	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	552469	97.302	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	491869	208.801	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1001225	92.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	1114177	90.749	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	999167	118.872	ug/L	# 84
3) Chloromethane	2.235	50	1386228	114.964	ug/L	98
5) Vinyl chloride	2.375	62	1320994	106.298	ug/L	99
6) Bromomethane	2.783	94	717626	101.455	ug/L	97
8) Chloroethane	2.930	64	767384	101.827	ug/L	100
9) Trichlorofluoromethane	3.259	101	1041314	115.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	1060165	107.220	ug/L	97
12) 1,1-Dichloroethene	4.052	96	1034168	105.716	ug/L	84
13) Acetone	4.119	43	440781	165.418	ug/L	95
14) Carbon disulfide	4.393	76	3459906	108.906	ug/L	99
15) Methyl Acetate	4.667	43	629860	108.863	ug/L	99
16) Methylene chloride	4.923	84	1117578	75.848	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	1130875	107.093	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	1870861	108.410	ug/L	99
19) 1,1-Dichloroethane	6.216	63	2262756	106.490	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	1237885	103.494	ug/L	99
22) 2-Butanone	7.167	43	819372	187.553	ug/L	99
23) Bromochloromethane	7.514	128	500654	100.642	ug/L	97
25) Chloroform	7.673	83	2033101	98.581	ug/L	98
27) 1,2-Dichloroethane	8.398	62	1378781	97.776	ug/L	99
29) Cyclohexane	7.959	56	2242446	104.092	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	1625378	100.405	ug/L	99
31) Carbon tetrachloride	8.069	117	1465657	100.563	ug/L	97
33) Benzene	8.325	78	4656892	97.858	ug/L	100
34) Trichloroethene	9.093	95	1216903	100.384	ug/L	97
35) Methylcyclohexane	9.337	83	2236758	103.570	ug/L	99
37) 1,2-Dichloropropane	9.368	63	1269621	100.497	ug/L	99
38) Bromodichloromethane	9.642	83	1463242	103.195	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	2024492	107.068	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	1790652	206.439	ug/L	98
42) Toluene	10.386	91	4731804	97.187	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	1655708	107.142	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	845149	98.208	ug/L	98
46) Tetrachloroethene	10.861	164	864557	100.875	ug/L	95
48) 2-Hexanone	10.965	43	1235788	212.257	ug/L	98
49) Dibromochloromethane	11.123	129	905625	105.657	ug/L	97
50) 1,2-Dibromoethane	11.233	107	807941	102.099	ug/L	93
51) Chlorobenzene	11.654	112	2936717	97.487	ug/L	97
52) Ethylbenzene	11.727	91	5430403	99.118	ug/L	98
53) m,p-Xylene	11.837	106	2019675	99.417	ug/L	99
54) o-Xylene	12.166	106	1954270	103.722	ug/L	95
55) Styrene	12.178	104	3339903	103.848	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	1035704	98.561	ug/L	98
59) Bromoform	12.349	173	505480	108.268	ug/L	95
60) Isopropylbenzene	12.459	105	5238533	101.860	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	771231	100.073	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	4371095	106.883	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	4300274	107.635	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	2132673	98.836	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	2112286	98.427	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	1873964	95.970	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	178172	101.343	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	1464241	99.683	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	1309402	102.995	ug/L	99
71) Naphthalene	15.360	128	2831406	109.260	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	1067460	97.636	ug/L	96

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

