

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027559.D
 Acq On : 06 Dec 2023 10:47
 Operator : SY/MD
 Sample : VSTD05075
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050475

Quant Time: Dec 07 06:36:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:34:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	246195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124958	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	232337	45.689	ug/L	0.00
7) Chloroethane-d5	2.899	69	175447	49.612	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	102999	47.010	ug/L	0.00
21) 2-Butanone-d5	7.075	46	161282	156.479	ug/L	0.00
24) Chloroform-d	7.654	84	389161	49.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	207564	53.461	ug/L	0.00
32) Benzene-d6	8.276	84	817568	49.489	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	245533	49.268	ug/L	0.00
41) Toluene-d8	10.324	98	724586	49.294	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.580	79	101135	54.739	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	117601	165.740	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225972	68.613	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	213396	46.283	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	142727	44.111	ug/L	100
3) Chloromethane	2.228	50	185548	44.301	ug/L	98
5) Vinyl chloride	2.375	62	218968	45.209	ug/L	100
6) Bromomethane	2.795	94	115421	44.405	ug/L	90
8) Chloroethane	2.935	64	127755	46.742	ug/L	95
9) Trichlorofluoromethane	3.277	101	220894	55.378	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	183897	47.237	ug/L	99
12) 1,1-Dichloroethene	4.045	96	171717	45.938	ug/L	96
13) Acetone	4.130	43	134126	123.937	ug/L	97
14) Carbon disulfide	4.393	76	469611	37.926	ug/L	99
15) Methyl Acetate	4.673	43	118336	68.996	ug/L	100
16) Methylene chloride	4.923	84	179064	40.368	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	175646	44.909	ug/L	94
18) Methyl tert-butyl Ether	5.435	73	320068	56.187	ug/L	98
19) 1,1-Dichloroethane	6.221	63	374042	47.941	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	199799	48.028	ug/L	99
22) 2-Butanone	7.173	43	177115	127.925	ug/L	99
23) Bromochloromethane	7.520	128	81758	48.740	ug/L	96
25) Chloroform	7.679	83	349118	48.630	ug/L	92
27) 1,2-Dichloroethane	8.404	62	233820	51.301	ug/L	100
29) Cyclohexane	7.959	56	348107	44.613	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	303884	49.046	ug/L	100
31) Carbon tetrachloride	8.069	117	263473	48.721	ug/L	99
33) Benzene	8.325	78	774225	46.229	ug/L	100
34) Trichloroethene	9.093	95	205144	46.787	ug/L	95
35) Methylcyclohexane	9.337	83	356913	44.647	ug/L	99
37) 1,2-Dichloropropane	9.367	63	208938	48.228	ug/L	99
38) Bromodichloromethane	9.642	83	246612	50.429	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	313362	49.894	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	336852	146.801	ug/L	99
42) Toluene	10.385	91	817986	47.101	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	274206	55.198	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	150196	54.371	ug/L	99
46) Tetrachloroethene	10.861	164	143003	45.559	ug/L	92
48) 2-Hexanone	10.965	43	246833	142.928	ug/L	99
49) Dibromochloromethane	11.129	129	154665	55.334	ug/L	99
50) 1,2-Dibromoethane	11.239	107	144387	56.957	ug/L	99
51) Chlorobenzene	11.653	112	496789	47.142	ug/L	98
52) Ethylbenzene	11.727	91	957901	48.360	ug/L	96
53) m,p-Xylene	11.836	106	350255	48.251	ug/L	97
54) o-Xylene	12.166	106	333496	49.037	ug/L	93
55) Styrene	12.178	104	571498	49.671	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	213500	66.373	ug/L	99
59) Bromoform	12.348	173	90779	57.124	ug/L	98
60) Isopropylbenzene	12.464	105	971685	45.736	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	152955	60.573	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	735446	46.227	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	742645	45.945	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	386841	46.565	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	372456	44.711	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	336878	46.319	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	35547	62.918	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	249853	46.336	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	198608	46.743	ug/L	98
71) Naphthalene	15.354	128	467690	60.599	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178770	50.790	ug/L	98

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

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