

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027638.D
 Acq On : 15 Dec 2023 15:57
 Operator : SY/MD
 Sample : VSTD05001
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050401

Quant Time: Dec 15 23:35:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:32:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	364395	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	326537	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	161338	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	239778	46.340	ug/L	0.00
7) Chloroethane-d5	2.899	69	187679	46.524	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	96294	46.196	ug/L	0.00
21) 2-Butanone-d5	7.087	46	86822	96.801	ug/L	0.00
24) Chloroform-d	7.648	84	416160	47.648	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	193110	47.225	ug/L	0.00
32) Benzene-d6	8.270	84	900893	47.056	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	253498	46.612	ug/L	0.00
41) Toluene-d8	10.319	98	841728	47.107	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	105704	50.035	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	81977	103.231	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200179	48.744	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	280405	49.238	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	213151	52.233	ug/L	100
3) Chloromethane	2.223	50	243583	48.428	ug/L	99
5) Vinyl chloride	2.369	62	286800	47.934	ug/L	98
6) Bromomethane	2.789	94	179291	46.910	ug/L	90
8) Chloroethane	2.936	64	170304	47.800	ug/L	97
9) Trichlorofluoromethane	3.271	101	269550	48.736	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	220764	48.656	ug/L	94
12) 1,1-Dichloroethene	4.039	96	218223	48.205	ug/L	92
13) Acetone	4.149	43	74955	91.521	ug/L	98
14) Carbon disulfide	4.387	76	738874	48.513	ug/L	99
15) Methyl Acetate	4.679	43	71583	48.502	ug/L	99
16) Methylene chloride	4.917	84	222599	37.821	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	232480	48.346	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	304498	48.101	ug/L	100
19) 1,1-Dichloroethane	6.216	63	384656	47.183	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	242047	48.100	ug/L	98
22) 2-Butanone	7.179	43	100491	94.913	ug/L	99
23) Bromochloromethane	7.514	128	102880	48.288	ug/L	89
25) Chloroform	7.679	83	380922	47.393	ug/L	98
27) 1,2-Dichloroethane	8.398	62	225741	47.899	ug/L	99
29) Cyclohexane	7.953	56	375947	47.961	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	325852	47.047	ug/L	100
31) Carbon tetrachloride	8.069	117	287782	47.506	ug/L	98
33) Benzene	8.325	78	901918	46.937	ug/L	100
34) Trichloroethene	9.093	95	244145	46.930	ug/L	95
35) Methylcyclohexane	9.337	83	449674	47.733	ug/L	100
37) 1,2-Dichloropropane	9.368	63	216772	47.010	ug/L	100
38) Bromodichloromethane	9.642	83	264522	47.367	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	346842	49.168	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	200384	99.668	ug/L	99
42) Toluene	10.386	91	969994	46.989	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	279576	50.133	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	161492	47.233	ug/L	96
46) Tetrachloroethene	10.861	164	200517	48.028	ug/L	95
48) 2-Hexanone	10.965	43	149347	100.933	ug/L	99
49) Dibromochloromethane	11.123	129	177312	49.899	ug/L	88
50) 1,2-Dibromoethane	11.233	107	157220	48.262	ug/L	92
51) Chlorobenzene	11.654	112	623800	47.248	ug/L	93
52) Ethylbenzene	11.727	91	1115195	47.859	ug/L	94
53) m,p-Xylene	11.837	106	432452	48.194	ug/L	95
54) o-Xylene	12.160	106	401053	48.239	ug/L	92
55) Styrene	12.178	104	688804	49.157	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	188833	48.393	ug/L	96
59) Bromoform	12.349	173	102243	51.451	ug/L	97
60) Isopropylbenzene	12.458	105	1118897	48.495	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	132565	48.960	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	914807	49.998	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	887029	49.178	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	468420	47.499	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	467379	46.911	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	405712	46.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	26801	49.878	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	338814	48.927	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	269796	48.370	ug/L	100
71) Naphthalene	15.360	128	511851	51.254	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	226148	47.736	ug/L	97

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

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