

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026079.D
 Acq On : 30 May 2023 09:47
 Operator : SY/MD
 Sample : VSTD02559
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025459

Quant Time: May 31 01:26:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	786364	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	706342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	349736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	316188	28.582	ug/L	0.00
7) Chloroethane-d5	2.899	69	223237	26.957	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	149814	27.465	ug/L	0.00
21) 2-Butanone-d5	7.075	46	168430	52.296	ug/L	0.00
24) Chloroform-d	7.648	84	588386	25.551	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	318735	25.313	ug/L	0.00
32) Benzene-d6	8.270	84	1199967	25.247	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	376744	25.020	ug/L	0.00
41) Toluene-d8	10.319	98	1057655	25.093	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	145082	24.315	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	124394	52.393	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	268387	24.494	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	325183	24.292	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	249890	26.445	ug/L	100
3) Chloromethane	2.228	50	322185	26.066	ug/L	100
5) Vinyl chloride	2.375	62	342916	25.954	ug/L	100
6) Bromomethane	2.789	94	167532	23.260	ug/L	100
8) Chloroethane	2.930	64	172671	24.185	ug/L	100
9) Trichlorofluoromethane	3.265	101	190580	22.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	259149	24.995	ug/L	100
12) 1,1-Dichloroethene	4.045	96	247229	24.693	ug/L	100
13) Acetone	4.118	43	116433	46.721	ug/L	100
14) Carbon disulfide	4.393	76	871044	24.645	ug/L	100
15) Methyl Acetate	4.667	43	134969	24.131	ug/L	100
16) Methylene chloride	4.923	84	274429	21.865	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	264822	23.575	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	425993	24.061	ug/L	100
19) 1,1-Dichloroethane	6.216	63	535431	23.413	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	281760	23.680	ug/L	100
22) 2-Butanone	7.173	43	171431	48.268	ug/L	100
23) Bromochloromethane	7.514	128	117746	23.203	ug/L	100
25) Chloroform	7.679	83	498566	23.406	ug/L	100
27) 1,2-Dichloroethane	8.398	62	347288	23.640	ug/L	100
29) Cyclohexane	7.959	56	531517	24.374	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	402007	23.453	ug/L	100
31) Carbon tetrachloride	8.069	117	360384	23.040	ug/L	100
33) Benzene	8.325	78	1134694	23.451	ug/L	100
34) Trichloroethene	9.093	95	286796	23.147	ug/L	100
35) Methylcyclohexane	9.337	83	527753	24.072	ug/L	100
37) 1,2-Dichloropropane	9.367	63	300887	22.958	ug/L	100
38) Bromodichloromethane	9.642	83	351526	23.087	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	455565	23.654	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	378398	48.973	ug/L	100
42) Toluene	10.386	91	1164493	23.529	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	379127	23.629	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	198665	23.000	ug/L	100
46) Tetrachloroethene	10.861	164	201899	23.038	ug/L	100
48) 2-Hexanone	10.965	43	264380	48.527	ug/L	100
49) Dibromochloromethane	11.129	129	205682	22.712	ug/L	100
50) 1,2-Dibromoethane	11.233	107	181678	22.716	ug/L	100
51) Chlorobenzene	11.654	112	711530	22.943	ug/L	100
52) Ethylbenzene	11.727	91	1311886	23.498	ug/L	100
53) m,p-Xylene	11.837	106	485829	23.392	ug/L	100
54) o-Xylene	12.166	106	455034	23.213	ug/L	100
55) Styrene	12.178	104	800428	23.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	239889	22.949	ug/L	100
59) Bromoform	12.343	173	114753	21.845	ug/L	100
60) Isopropylbenzene	12.458	105	1279888	23.296	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	175050	22.345	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1014652	23.232	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	938761	23.468	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	519167	22.474	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	516434	22.205	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	459339	22.143	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	39596	21.816	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	338885	21.356	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	283953	21.686	ug/L	100
71) Naphthalene	15.360	128	509919	21.850	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	241225	21.080	ug/L	100

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

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