

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025349.D
 Acq On : 22 Feb 2023 09:45
 Operator : SY/MD
 Sample : VSTD02527
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025427

Quant Time: Feb 22 20:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 20:57:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	344147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	306192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	66877	22.954	ug/L	0.00
7) Chloroethane-d5	2.899	69	49061	23.194	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.033	63	177545	23.477	ug/L	0.00
21) 2-Butanone-d5	7.075	46	31003	46.825	ug/L	0.00
24) Chloroform-d	7.648	84	153670	23.277	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	78942	23.051	ug/L	0.00
32) Benzene-d6	8.276	84	298727	23.022	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	84500	23.206	ug/L	0.00
41) Toluene-d8	10.324	98	280038	23.149	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	37739	22.749	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	25416	47.851	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62807	23.040	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	87126	22.573	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	110281	26.857	ug/L	100
3) Chloromethane	2.222	50	101341	26.092	ug/L	100
5) Vinyl chloride	2.375	62	119323	26.431	ug/L	100
6) Bromomethane	2.789	94	76311	26.621	ug/L	100
8) Chloroethane	2.942	64	68251	25.838	ug/L	100
9) Trichlorofluoromethane	3.265	101	145370	26.537	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	116745	25.336	ug/L	100
12) 1,1-Dichloroethene	4.045	96	116460	26.263	ug/L	100
13) Acetone	4.118	43	63092	57.624	ug/L	100
14) Carbon disulfide	4.393	76	383036	26.482	ug/L	100
15) Methyl Acetate	4.673	43	44311	25.449	ug/L	100
16) Methylene chloride	4.923	84	114073	23.441	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	122751	26.406	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	175417	26.718	ug/L	100
19) 1,1-Dichloroethane	6.221	63	216943	25.971	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	126496	25.897	ug/L	100
22) 2-Butanone	7.173	43	69975	55.639	ug/L	100
23) Bromochloromethane	7.520	128	53724	25.775	ug/L	100
25) Chloroform	7.679	83	225954	26.285	ug/L	100
27) 1,2-Dichloroethane	8.404	62	149982	25.866	ug/L	100
29) Cyclohexane	7.959	56	205711	26.689	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	204824	25.823	ug/L	100
31) Carbon tetrachloride	8.075	117	192424	25.775	ug/L	100
33) Benzene	8.325	78	486429	25.982	ug/L	100
34) Trichloroethene	9.093	95	133570	25.547	ug/L	100
35) Methylcyclohexane	9.337	83	241192	26.324	ug/L	100
37) 1,2-Dichloropropane	9.367	63	118063	26.070	ug/L	100
38) Bromodichloromethane	9.642	83	158573	25.814	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	192945	26.041	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	120732	52.404	ug/L	100
42) Toluene	10.385	91	522779	25.937	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	161957	26.003	ug/L	100

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

45) 1,1,2-Trichloroethane	10.788	97	86071	25.481	ug/L	100
46) Tetrachloroethene	10.861	164	101957	25.823	ug/L	100
48) 2-Hexanone	10.965	43	94952	55.219	ug/L	100
49) Dibromochloromethane	11.129	129	100466	25.749	ug/L	100
50) 1,2-Dibromoethane	11.233	107	84348	26.048	ug/L	100
51) Chlorobenzene	11.653	112	329817	25.480	ug/L	100
52) Ethylbenzene	11.727	91	618039	26.462	ug/L	100
53) m,p-Xylene	11.836	106	235100	26.492	ug/L	100
54) o-Xylene	12.166	106	215876	26.313	ug/L	100
55) Styrene	12.178	104	368001	26.376	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	97855	25.376	ug/L	100
59) Bromoform	12.348	173	55673	24.472	ug/L	100
60) Isopropylbenzene	12.464	105	623537	25.087	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	73804	24.513	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	515463	25.823	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	512140	27.105	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	251046	25.831	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	255991	26.273	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	224297	25.167	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	17535	25.206	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	172291	25.899	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	149229	25.852	ug/L	100
71) Naphthalene	15.360	128	290056	26.133	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	122170	24.921	ug/L	100

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

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