

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028084.D
 Acq On : 29 Feb 2024 11:15
 Operator : SY/MD
 Sample : VSTD02518
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025418

Quant Time: Mar 01 00:22:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	269830	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	246200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71107	22.076	ug/L	0.00
7) Chloroethane-d5	2.899	69	54165	21.708	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	30774	23.390	ug/L	0.00
21) 2-Butanone-d5	7.081	46	25120	54.671	ug/L	0.00
24) Chloroform-d	7.654	84	137016	23.974	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	65570	24.652	ug/L	0.00
32) Benzene-d6	8.276	84	281006	24.450	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	73407	24.720	ug/L	0.00
41) Toluene-d8	10.319	98	268530	24.792	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	33359	25.635	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	24424	58.394	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62599	26.710	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	95372	24.207	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	63721	23.216	ug/L	100
3) Chloromethane	2.222	50	66202	25.258	ug/L	100
5) Vinyl chloride	2.375	62	92647	25.364	ug/L	100
6) Bromomethane	2.789	94	72676	24.939	ug/L	100
8) Chloroethane	2.942	64	54640	23.819	ug/L	100
9) Trichlorofluoromethane	3.271	101	84881	24.913	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	87679	24.752	ug/L	100
12) 1,1-Dichloroethene	4.045	96	84112	25.076	ug/L	100
13) Acetone	4.118	43	41441	64.963	ug/L	100
14) Carbon disulfide	4.387	76	257005	25.153	ug/L	100
15) Methyl Acetate	4.673	43	26629	29.335	ug/L	100
16) Methylene chloride	4.917	84	84834	22.856	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	91774	25.606	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	117469	26.762	ug/L	100
19) 1,1-Dichloroethane	6.216	63	143394	25.303	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	96781	25.658	ug/L	100
22) 2-Butanone	7.167	43	45961	64.078	ug/L	100
23) Bromochloromethane	7.514	128	47021	26.554	ug/L	100
25) Chloroform	7.679	83	160285	25.322	ug/L	100
27) 1,2-Dichloroethane	8.398	62	98960	26.291	ug/L	100
29) Cyclohexane	7.959	56	122865	25.952	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	139990	25.466	ug/L	100
31) Carbon tetrachloride	8.069	117	130036	25.332	ug/L	100
33) Benzene	8.325	78	345095	25.946	ug/L	100
34) Trichloroethene	9.093	95	98083	25.168	ug/L	100
35) Methylcyclohexane	9.331	83	165110	26.177	ug/L	100
37) 1,2-Dichloropropane	9.368	63	80647	26.037	ug/L	100
38) Bromodichloromethane	9.642	83	116341	26.004	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	136196	26.739	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	72824	59.194	ug/L	100
42) Toluene	10.386	91	391561	26.054	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	114731	27.727	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	70685	27.211	ug/L	100
46) Tetrachloroethene	10.861	164	83106	25.444	ug/L	100
48) 2-Hexanone	10.965	43	63618	63.954	ug/L	100
49) Dibromochloromethane	11.123	129	80791	26.754	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67367	26.926	ug/L	100
51) Chlorobenzene	11.654	112	256758	25.604	ug/L	100
52) Ethylbenzene	11.727	91	444289	25.857	ug/L	100
53) m,p-Xylene	11.837	106	177282	26.592	ug/L	100
54) o-Xylene	12.160	106	165708	26.264	ug/L	100
55) Styrene	12.178	104	286305	26.608	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	78234	27.931	ug/L	100
59) Bromoform	12.349	173	50755	27.025	ug/L	100
60) Isopropylbenzene	12.458	105	450236	24.773	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	55251	27.131	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	309550	25.978	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	374938	26.386	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	205225	24.433	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	210281	24.798	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	184348	24.365	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	11899	27.819	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	147285	23.761	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	120706	24.248	ug/L	100
71) Naphthalene	15.354	128	223055	27.397	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	106536	25.593	ug/L	100

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

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