

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031068.D
 Acq On : 20 Nov 2024 11:51
 Operator : SY/MD
 Sample : VSTD02523
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025423

Quant Time: Nov 21 03:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	413831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	383466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	194655	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	130678	25.903	ug/L	0.00
7) Chloroethane-d5	2.899	69	102713	25.796	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	63734	25.567	ug/L	0.00
21) 2-Butanone-d5	7.075	46	62518	53.821	ug/L	0.00
24) Chloroform-d	7.648	84	290265	25.821	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	142641	25.970	ug/L	0.00
32) Benzene-d6	8.270	84	583278	26.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	165291	25.813	ug/L	0.00
41) Toluene-d8	10.319	98	538145	27.201	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	71295	26.745	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	51671	56.146	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129556	26.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	170122	25.007	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	130533	26.606	ug/L	100
3) Chloromethane	2.229	50	149738	24.798	ug/L	100
5) Vinyl chloride	2.375	62	154989	24.920	ug/L	100
6) Bromomethane	2.789	94	110211	25.378	ug/L	100
8) Chloroethane	2.936	64	95609	25.630	ug/L	100
9) Trichlorofluoromethane	3.271	101	216528	25.170	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	148384	25.472	ug/L	100
12) 1,1-Dichloroethene	4.045	96	142767	25.212	ug/L	100
13) Acetone	4.118	43	94714	62.284	ug/L	100
14) Carbon disulfide	4.387	76	476877	25.944	ug/L	100
15) Methyl Acetate	4.673	43	56919	28.179	ug/L	100
16) Methylene chloride	4.917	84	147460	24.890	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	158143	25.708	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	232835	26.266	ug/L	100
19) 1,1-Dichloroethane	6.216	63	275067	25.517	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	169520	26.119	ug/L	100
22) 2-Butanone	7.167	43	102303	54.858	ug/L	100
23) Bromochloromethane	7.514	128	72845	25.050	ug/L	100
25) Chloroform	7.673	83	287482	25.514	ug/L	100
27) 1,2-Dichloroethane	8.398	62	176000	26.209	ug/L	100
29) Cyclohexane	7.959	56	241750	26.953	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	241284	25.940	ug/L	100
31) Carbon tetrachloride	8.069	117	224500	26.543	ug/L	100
33) Benzene	8.325	78	645306	26.290	ug/L	100
34) Trichloroethene	9.087	95	168568	25.351	ug/L	100
35) Methylcyclohexane	9.331	83	292545	27.379	ug/L	100
37) 1,2-Dichloropropane	9.367	63	156194	25.523	ug/L	100
38) Bromodichloromethane	9.642	83	199626	25.918	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	246071	26.679	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	161909	56.228	ug/L	100
42) Toluene	10.386	91	690361	26.632	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	202564	27.197	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	117618	26.423	ug/L	100
46) Tetrachloroethene	10.861	164	135033	25.396	ug/L	100
48) 2-Hexanone	10.965	43	137672	60.470	ug/L	100
49) Dibromochloromethane	11.123	129	126578	25.569	ug/L	100
50) 1,2-Dibromoethane	11.233	107	111371	26.291	ug/L	100
51) Chlorobenzene	11.654	112	433043	25.544	ug/L	100
52) Ethylbenzene	11.727	91	777815	26.763	ug/L	100
53) m,p-Xylene	11.837	106	299462	26.996	ug/L	100
54) o-Xylene	12.160	106	274631	26.344	ug/L	100
55) Styrene	12.178	104	485995	27.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	131320	26.449	ug/L	100
59) Bromoform	12.349	173	77561	26.624	ug/L	100
60) Isopropylbenzene	12.458	105	771025	27.187	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	94390	26.489	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	612457	27.376	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	617728	27.993	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	335161	25.912	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	348679	25.908	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	300494	25.917	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	20391	26.181	ug/L	100
69) 1,3,5-Trichlorobenzene	14.617	180	218532	24.716	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	179144	25.335	ug/L	100
71) Naphthalene	15.360	128	334821	28.007	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	162608	25.837	ug/L	100

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

