

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028566.D
 Acq On : 02 May 2024 11:48
 Operator : SY/MD
 Sample : VSTD10038
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100438

Quant Time: May 03 02:42:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	255922	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	502551	103.410	ug/L	0.00
7) Chloroethane-d5	2.899	69	382618	102.823	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	212783	104.798	ug/L	0.00
21) 2-Butanone-d5	7.075	46	268220	226.443	ug/L	0.00
24) Chloroform-d	7.648	84	800238	100.071	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	454929	99.369	ug/L	0.00
32) Benzene-d6	8.276	84	1584099	101.561	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	473695	100.926	ug/L	0.00
41) Toluene-d8	10.319	98	1433339	103.771	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	210687	111.586	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	197942	244.523	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	403577	102.544	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.842	152	420373	99.690	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	386152	103.829	ug/L	93
3) Chloromethane	2.229	50	467717	101.514	ug/L	96
5) Vinyl chloride	2.375	62	501606	96.701	ug/L	98
6) Bromomethane	2.790	94	304024	101.999	ug/L	96
8) Chloroethane	2.936	64	298374	101.827	ug/L	96
9) Trichlorofluoromethane	3.271	101	450543	105.795	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	370153	96.862	ug/L	94
12) 1,1-Dichloroethene	4.045	96	358524	101.791	ug/L	92
13) Acetone	4.125	43	207721	185.703	ug/L	99
14) Carbon disulfide	4.393	76	1192826	100.205	ug/L	100
15) Methyl Acetate	4.673	43	206834	103.394	ug/L	98
16) Methylene chloride	4.917	84	343756	87.219	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	370617	101.070	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	557616	103.045	ug/L	99
19) 1,1-Dichloroethane	6.222	63	714296	98.232	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	396270	103.258	ug/L	96
22) 2-Butanone	7.167	43	292008	216.472	ug/L	99
23) Bromochloromethane	7.514	128	157076	93.832	ug/L	95
25) Chloroform	7.673	83	684777	97.364	ug/L	99
27) 1,2-Dichloroethane	8.398	62	488699	95.588	ug/L	98
29) Cyclohexane	7.959	56	716350	107.470	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	587751	100.328	ug/L	99
31) Carbon tetrachloride	8.069	117	534921	100.147	ug/L	99
33) Benzene	8.325	78	1485623	97.999	ug/L	100
34) Trichloroethene	9.093	95	408421	100.486	ug/L	97
35) Methylcyclohexane	9.337	83	753456	106.076	ug/L	99
37) 1,2-Dichloropropane	9.368	63	385604	98.887	ug/L	99
38) Bromodichloromethane	9.648	83	485496	100.824	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	619485	109.415	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	589734	219.355	ug/L	100
42) Toluene	10.386	91	1580283	100.928	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	532351	111.516	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	275580	96.304	ug/L	97
46) Tetrachloroethene	10.861	164	290148	99.070	ug/L	88
48) 2-Hexanone	10.965	43	429428	226.246	ug/L	100
49) Dibromochloromethane	11.130	129	301001	104.870	ug/L	100
50) 1,2-Dibromoethane	11.233	107	273855	102.164	ug/L	99
51) Chlorobenzene	11.654	112	942071	97.269	ug/L	98
52) Ethylbenzene	11.727	91	1833599	103.481	ug/L	94
53) m,p-Xylene	11.837	106	676622	104.173	ug/L	97
54) o-Xylene	12.160	106	652365	108.568	ug/L	93
55) Styrene	12.178	104	1089214	106.979	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	355166	98.927	ug/L	98
59) Bromoform	12.349	173	182777	113.239	ug/L	97
60) Isopropylbenzene	12.459	105	1809981	107.833	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	266739	99.762	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1299488	109.423	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1429935	111.750	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	723067	103.552	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	708784	99.286	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	628434	100.551	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	63523	101.612	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	466306	99.519	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	393718	103.994	ug/L	96
71) Naphthalene	15.360	128	932578	115.615	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	341326	99.912	ug/L	97

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

