

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
 Data File : VW025373.D
 Acq On : 06 Mar 2023 09:38
 Operator : SY/MD
 Sample : VSTD02533
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025433

Quant Time: Mar 07 04:52:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 04:37:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	803545	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	711931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	354121	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	314623	23.546	ug/L	0.00
7) Chloroethane-d5	2.899	69	225678	23.453	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	627419	24.314	ug/L	0.00
21) 2-Butanone-d5	7.075	46	176701	52.915	ug/L	0.00
24) Chloroform-d	7.648	84	565033	24.392	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	306643	24.662	ug/L	0.00
32) Benzene-d6	8.276	84	1178643	24.229	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	368798	24.515	ug/L	0.00
41) Toluene-d8	10.325	98	1064351	24.816	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	149836	25.004	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	120102	55.500	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	283796	25.740	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	330345	25.085	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	225840	25.213	ug/L	100
3) Chloromethane	2.222	50	298094	27.294	ug/L	100
5) Vinyl chloride	2.375	62	329101	26.672	ug/L	100
6) Bromomethane	2.789	94	174700	26.557	ug/L	100
8) Chloroethane	2.930	64	185279	26.126	ug/L	100
9) Trichlorofluoromethane	3.271	101	281891	26.395	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	270519	26.120	ug/L	100
12) 1,1-Dichloroethene	4.051	96	260567	26.000	ug/L	100
13) Acetone	4.118	43	183179	58.105	ug/L	100
14) Carbon disulfide	4.393	76	884887	28.402	ug/L	100
15) Methyl Acetate	4.667	43	155213	25.906	ug/L	100
16) Methylene chloride	4.923	84	272117	24.320	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	278272	26.491	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	417569	26.405	ug/L	100
19) 1,1-Dichloroethane	6.222	63	562150	25.843	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	294716	25.568	ug/L	100
22) 2-Butanone	7.167	43	226108	55.443	ug/L	100
23) Bromochloromethane	7.514	128	127097	25.710	ug/L	100
25) Chloroform	7.679	83	519656	25.413	ug/L	100
27) 1,2-Dichloroethane	8.398	62	358004	26.234	ug/L	100
29) Cyclohexane	7.959	56	553118	27.524	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	427194	25.242	ug/L	100
31) Carbon tetrachloride	8.069	117	384639	25.355	ug/L	100
33) Benzene	8.325	78	1174304	25.799	ug/L	100
34) Trichloroethene	9.093	95	304997	25.530	ug/L	100
35) Methylcyclohexane	9.337	83	551696	26.566	ug/L	100
37) 1,2-Dichloropropane	9.367	63	316747	25.281	ug/L	100
38) Bromodichloromethane	9.642	83	366107	25.055	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	472761	26.192	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	416599	55.322	ug/L	100
42) Toluene	10.386	91	1235483	26.289	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	395446	26.161	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	215950	25.665	ug/L	100
46) Tetrachloroethene	10.861	164	222927	26.226	ug/L	100
48) 2-Hexanone	10.965	43	312354	57.653	ug/L	100
49) Dibromochloromethane	11.129	129	228605	25.428	ug/L	100
50) 1,2-Dibromoethane	11.233	107	203834	26.171	ug/L	100
51) Chlorobenzene	11.654	112	755184	25.319	ug/L	100
52) Ethylbenzene	11.727	91	1395941	26.044	ug/L	100
53) m,p-Xylene	11.836	106	522577	26.434	ug/L	100
54) o-Xylene	12.166	106	489985	26.339	ug/L	100
55) Styrene	12.178	104	847466	26.677	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	270563	25.851	ug/L	100
59) Bromoform	12.349	173	128673	25.185	ug/L	100
60) Isopropylbenzene	12.458	105	1367883	25.912	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	201063	26.060	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1087042	26.000	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1088158	26.420	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	555073	24.815	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	579286	25.247	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	502958	25.070	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	44396	24.856	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	372309	24.485	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	313503	24.866	ug/L	100
71) Naphthalene	15.360	128	667254	26.812	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	275831	24.358	ug/L	100

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

