

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025347.D
 Acq On : 22 Feb 2023 08:57
 Operator : SY/MD
 Sample : VSTD2.525
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5425

Quant Time: Feb 22 20:58:10 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	385700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	337848	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	8305	2.543	ug/L	0.00
7) Chloroethane-d5	2.899	69	6394m	2.697	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	63	22530	2.658	ug/L	-0.01
21) 2-Butanone-d5	7.093	46	3592m	4.841	ug/L	0.02
24) Chloroform-d	7.648	84	19592	2.648	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	10194	2.656	ug/L	0.00
32) Benzene-d6	8.276	84	37188	2.597	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	10791	2.686	ug/L	0.00
41) Toluene-d8	10.325	98	34307	2.570	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	4602	2.514	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2616	4.464	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	7986	2.655	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	9210	2.547	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	11906m	2.587	ug/L	
3) Chloromethane	2.216	50	10771	2.474	ug/L	95
5) Vinyl chloride	2.375	62	12086	2.389	ug/L	88
6) Bromomethane	2.789	94	7932	2.469	ug/L	100
8) Chloroethane	2.936	64	7729	2.611	ug/L	99
9) Trichlorofluoromethane	3.271	101	14561	2.372	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	13773m	2.667	ug/L	
12) 1,1-Dichloroethene	4.045	96	12386	2.492	ug/L	90
14) Carbon disulfide	4.387	76	40418	2.493	ug/L	97
15) Methyl Acetate	4.685	43	5504m	2.821	ug/L	
16) Methylene chloride	4.923	84	18095	3.318	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	13134	2.521	ug/L	96
18) Methyl tert-butyl Ether	5.417	73	18200	2.473	ug/L	# 80
19) 1,1-Dichloroethane	6.222	63	24092	2.573	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	13699	2.502	ug/L	88
23) Bromochloromethane	7.514	128	5621	2.406	ug/L	93
25) Chloroform	7.679	83	24599	2.553	ug/L	92
27) 1,2-Dichloroethane	8.398	62	16586	2.552	ug/L	99
29) Cyclohexane	7.959	56	19938	2.344	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	21887	2.501	ug/L	98
31) Carbon tetrachloride	8.075	117	20489	2.487	ug/L	99
33) Benzene	8.325	78	52730	2.553	ug/L	100
34) Trichloroethene	9.093	95	14557	2.523	ug/L	97
35) Methylcyclohexane	9.337	83	24884	2.461	ug/L	97
37) 1,2-Dichloropropane	9.367	63	12617	2.525	ug/L	# 97
38) Bromodichloromethane	9.648	83	17069	2.518	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	19600	2.397	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	11915	4.687	ug/L	95
42) Toluene	10.392	91	55248	2.484	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	16179	2.354	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	9463	2.539	ug/L	98
46) Tetrachloroethene	10.861	164	11243	2.581	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	10.971	43	8392	4.423	ug/L	98
49) Dibromochloromethane	11.129	129	10690	2.483	ug/L	90
50) 1,2-Dibromoethane	11.233	107	8934	2.500	ug/L	86
51) Chlorobenzene	11.660	112	36930	2.586	ug/L	99
52) Ethylbenzene	11.727	91	63545	2.466	ug/L	100
53) m,p-Xylene	11.836	106	23894	2.440	ug/L	99
54) o-Xylene	12.166	106	21672	2.394	ug/L	98
55) Styrene	12.178	104	37127	2.412	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	11075	2.603	ug/L	96
59) Bromoform	12.349	173	5606	2.630	ug/L #	95
60) Isopropylbenzene	12.464	105	61037	2.621	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	7380	2.617	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	43206	2.311	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	41527	2.346	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	22513	2.473	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	23241	2.546	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	20303	2.432	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	1741	2.671	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	15812	2.537	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	15097	2.792	ug/L	100
71) Naphthalene	15.360	128	25625	2.464	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	12772	2.781	ug/L	97

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

