

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
 Data File : VW025371.D
 Acq On : 06 Mar 2023 08:51
 Operator : SY/MD
 Sample : VSTD2.531
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5431

Quant Time: Mar 07 04:38:28 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	782528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	690165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	342194	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	35914	2.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	11.040%#
7) Chloroethane-d5	2.893	69	26675	2.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	11.400%#
11) 1,1-Dichloroethene-d2	4.021	63	68145	2.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	10.840%#
21) 2-Butanone-d5	7.087	46	17585	5.407	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.820%#
24) Chloroform-d	7.648	84	64209	2.846	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	11.400%#
26) 1,2-Dichloroethane-d4	8.307	65	35307	2.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	11.680%#
32) Benzene-d6	8.276	84	129947	2.756	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	11.040%#
36) 1,2-Dichloropropane-d6	9.276	67	40181	2.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	11.040%#
41) Toluene-d8	10.325	98	111183	2.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	10.680%#
43) trans-1,3-Dichloroprop...	10.581	79	15106	2.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	10.400%#
47) 2-Hexanone-d5	10.928	63	10674	5.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.180%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	30849	2.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	11.560%#
66) 1,2-Dichlorobenzene-d4	13.848	152	34975	2.748	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	11.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	20340m	2.332	ug/L	
3) Chloromethane	2.216	50	22967	2.159	ug/L	98
5) Vinyl chloride	2.375	62	28052	2.335	ug/L	98
6) Bromomethane	2.789	94	14626	2.283	ug/L	92
8) Chloroethane	2.942	64	16160	2.340	ug/L	99
9) Trichlorofluoromethane	3.265	101	24373	2.343	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	23885	2.368	ug/L	89
12) 1,1-Dichloroethene	4.045	96	23324m	2.390	ug/L	
13) Acetone	4.125	43	17438	5.680	ug/L	88
14) Carbon disulfide	4.387	76	64603	2.129	ug/L	98
15) Methyl Acetate	4.679	43	16488	2.826	ug/L	96
16) Methylene chloride	4.917	84	32344	2.968	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	23946	2.341	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	38605	2.507	ug/L	94
19) 1,1-Dichloroethane	6.216	63	52813	2.493	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	27520	2.452	ug/L #	98
22) 2-Butanone	7.179	43	22385	5.636	ug/L	94
23) Bromochloromethane	7.520	128	12753	2.649	ug/L	87
25) Chloroform	7.679	83	52568	2.640	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	34240	2.576	ug/L	97
29) Cyclohexane	7.953	56	41115	2.110	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	42181	2.571	ug/L	99
31) Carbon tetrachloride	8.075	117	36337	2.471	ug/L	98
33) Benzene	8.325	78	108487	2.459	ug/L	100
34) Trichloroethene	9.093	95	28717	2.480	ug/L	93
35) Methylcyclohexane	9.337	83	43761	2.174	ug/L	98
37) 1,2-Dichloropropane	9.367	63	32114	2.644	ug/L	100
38) Bromodichloromethane	9.648	83	37096	2.619	ug/L #	96
39) cis-1,3-Dichloropropene	10.075	75	40039	2.288	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	36174	4.955	ug/L	99
42) Toluene	10.386	91	108080	2.372	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	34552	2.358	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	20857	2.557	ug/L	93
46) Tetrachloroethene	10.861	164	18952	2.300	ug/L	91
48) 2-Hexanone	10.965	43	25697	4.893	ug/L	98
49) Dibromochloromethane	11.129	129	22924	2.630	ug/L	96
50) 1,2-Dibromoethane	11.239	107	19523	2.586	ug/L #	95
51) Chlorobenzene	11.654	112	72604	2.511	ug/L	99
52) Ethylbenzene	11.727	91	123235	2.372	ug/L	98
53) m,p-Xylene	11.837	106	43749	2.283	ug/L	95
54) o-Xylene	12.166	106	40932	2.270	ug/L	96
55) Styrene	12.178	104	67891	2.205	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	27857	2.746	ug/L #	99
59) Bromoform	12.343	173	12376	2.507	ug/L	93
60) Isopropylbenzene	12.464	105	115163	2.258	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	20405	2.737	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	87549	2.167	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	86223	2.166	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	53998	2.498	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	59672	2.691	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	48830	2.519	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.482	75	5349	3.099	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	38016	2.587	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	29871	2.452	ug/L	99
71) Naphthalene	15.360	128	53887	2.241	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	27574	2.520	ug/L	99

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

