

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025777.D
 Acq On : 01 May 2023 14:30
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV456

Quant Time: May 02 01:36:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:30:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	610688	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	548346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	257430	29.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.000%	
7) Chloroethane-d5	2.899	69	185980	28.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.960%	
11) 1,1-Dichloroethene-d2	4.021	65	119185	27.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.000%#	
21) 2-Butanone-d5	7.075	46	151843	53.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.160%	
24) Chloroform-d	7.648	84	475563	27.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.040%	
26) 1,2-Dichloroethane-d4	8.301	65	263719	26.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.920%	
32) Benzene-d6	8.276	84	992037	27.687	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.760%	
36) 1,2-Dichloropropane-d6	9.270	67	311105	27.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.560%	
41) Toluene-d8	10.319	98	894637	28.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 112.000%	
43) trans-1,3-Dichloroprop...	10.575	79	123432	26.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.240%	
47) 2-Hexanone-d5	10.922	63	105543	53.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.980%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234491	26.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.360%	
66) 1,2-Dichlorobenzene-d4	13.849	152	262061	26.760	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	216812	31.778	ug/L #	83
3) Chloromethane	2.223	50	271745	27.013	ug/L	99
5) Vinyl chloride	2.375	62	283489	27.226	ug/L	98
6) Bromomethane	2.790	94	146728	25.909	ug/L	94
8) Chloroethane	2.936	64	161030	27.198	ug/L	98
9) Trichlorofluoromethane	3.271	101	193642	24.643	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	226277	26.477	ug/L	99
12) 1,1-Dichloroethene	4.045	96	216402	26.496	ug/L	97
13) Acetone	4.119	43	116622	45.973	ug/L	99
14) Carbon disulfide	4.387	76	727903	26.354	ug/L	100
15) Methyl Acetate	4.667	43	131127	26.231	ug/L	100
16) Methylene chloride	4.917	84	288901	22.939	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	227062	25.484	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	354882	26.243	ug/L	99
19) 1,1-Dichloroethane	6.216	63	474812	25.937	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	247295	25.870	ug/L	99
22) 2-Butanone	7.167	43	170614	48.709	ug/L	100
23) Bromochloromethane	7.514	128	103710	25.610	ug/L	97
25) Chloroform	7.679	83	436845	25.964	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	310667	26.000	ug/L	100
29) Cyclohexane	7.953	56	457811	26.941	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	354939	26.468	ug/L	99
31) Carbon tetrachloride	8.069	117	315685	26.158	ug/L	98
33) Benzene	8.325	78	989212	26.075	ug/L	100
34) Trichloroethene	9.087	95	249788	25.659	ug/L	95
35) Methylcyclohexane	9.337	83	453783	26.208	ug/L	100
37) 1,2-Dichloropropane	9.368	63	267862	25.771	ug/L	100
38) Bromodichloromethane	9.642	83	309381	25.945	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	396002	25.980	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	355391	52.530	ug/L	100
42) Toluene	10.386	91	1014427	26.169	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	334716	26.502	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	179761	25.854	ug/L	97
46) Tetrachloroethene	10.861	164	173595	25.347	ug/L	98
48) 2-Hexanone	10.965	43	250372	51.658	ug/L	99
49) Dibromochloromethane	11.123	129	188884	26.241	ug/L	95
50) 1,2-Dibromoethane	11.233	107	165672	25.847	ug/L	98
51) Chlorobenzene	11.654	112	603224	25.120	ug/L	99
52) Ethylbenzene	11.727	91	1149064	26.352	ug/L	100
53) m,p-Xylene	11.837	106	423279	26.375	ug/L	93
54) o-Xylene	12.166	106	395698	26.159	ug/L	94
55) Styrene	12.178	104	696006	26.883	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	221272	25.505	ug/L	98
59) Bromoform	12.349	173	103412	25.988	ug/L	99
60) Isopropylbenzene	12.459	105	1128375	27.633	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	163541	25.759	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	902573	27.906	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	812048	27.208	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	449111	25.549	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	451020	25.396	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	414643	26.449	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	36340	24.684	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	290507	24.897	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	242906	24.848	ug/L	99
71) Naphthalene	15.361	128	495990	26.882	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	223876	25.811	ug/L	97

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

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