

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057834.D
 Acq On : 07 Feb 2024 11:52
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV058

Quant Time: Feb 08 01:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:18:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	254759	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	101150	49.605	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.220%		
7) Chloroethane-d5	1.904	69	70133	44.335	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.660%		
11) 1,1-Dichloroethene-d2	2.560	63	182293	48.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.360%		
21) 2-Butanone-d5	4.618	46	129635	114.553	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.550%		
24) Chloroform-d	5.055	84	187682	51.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.780%		
26) 1,2-Dichloroethane-d4	5.692	65	123251	53.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.500%		
32) Benzene-d6	5.717	84	371180	51.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.320%		
36) 1,2-Dichloropropane-d6	6.682	67	120237	52.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.980%		
41) Toluene-d8	7.891	98	331644	50.911	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.820%		
43) trans-1,3-Dichloroprop...	8.174	79	60382	54.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	108.800%		
47) 2-Hexanone-d5	8.631	63	107397	115.955	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.960%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	160748	54.421	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.840%		
66) 1,2-Dichlorobenzene-d4	12.187	152	119334	52.618	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	106495	47.282	ug/L	99
3) Chloromethane	1.518	50	106645	50.627	ug/L	100
5) Vinyl chloride	1.602	62	109514	49.208	ug/L	96
6) Bromomethane	1.853	94	68238	49.842	ug/L	99
8) Chloroethane	1.923	64	58938	44.362	ug/L	98
9) Trichlorofluoromethane	2.126	101	148610	47.756	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	88428	48.145	ug/L	99
12) 1,1-Dichloroethene	2.570	96	81548	48.614	ug/L	94
13) Acetone	2.624	43	129311	88.946	ug/L	99
14) Carbon disulfide	2.785	76	256204	49.460	ug/L	99
15) Methyl Acetate	2.943	43	101051	54.636	ug/L	99
16) Methylene chloride	3.036	84	100237	51.720	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	87906	51.426	ug/L	99
18) Methyl tert-butyl Ether	3.354	73	322500	53.746	ug/L	100
19) 1,1-Dichloroethane	3.859	63	176287	51.389	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	101649	51.518	ug/L	97
22) 2-Butanone	4.698	43	156537	101.038	ug/L	97
23) Bromochloromethane	4.965	128	51679	53.426	ug/L	95
25) Chloroform	5.078	83	182313	51.896	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	154499	53.107	ug/L	100
29) Cyclohexane	5.380	56	151615	48.988	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	152262	49.632	ug/L	99
31) Carbon tetrachloride	5.518	117	130904	49.008	ug/L	100
33) Benzene	5.766	78	389344	51.711	ug/L	100
34) Trichloroethene	6.534	95	101231	50.001	ug/L	99
35) Methylcyclohexane	6.756	83	156009	48.167	ug/L	99
37) 1,2-Dichloropropane	6.782	63	108767	52.691	ug/L	100
38) Bromodichloromethane	7.097	83	137207	52.791	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	177170	52.952	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	289655	112.725	ug/L	99
42) Toluene	7.962	91	402437	51.034	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	163906	53.359	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	101680	53.345	ug/L	99
46) Tetrachloroethene	8.547	164	68807	48.999	ug/L	98
48) 2-Hexanone	8.682	43	236487	105.794	ug/L	99
49) Dibromochloromethane	8.804	129	102399	53.266	ug/L	99
50) 1,2-Dibromoethane	8.917	107	108753	53.401	ug/L	98
51) Chlorobenzene	9.441	112	255241	50.965	ug/L	97
52) Ethylbenzene	9.563	91	444361	49.676	ug/L	94
53) m,p-Xylene	9.688	106	165240	50.264	ug/L	94
54) o-Xylene	10.094	106	164055	51.249	ug/L	91
55) Styrene	10.110	104	280122	52.421	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	168903	54.985	ug/L	99
59) Bromoform	10.286	173	73545	53.632	ug/L #	97
60) 1,2,3-Trichloropropane	10.817	75	135193	54.710	ug/L	99
61) Isopropylbenzene	10.476	105	435790	50.534	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	371668	51.358	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	375237	51.806	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	192107	51.413	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	195001	50.880	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	195057	51.784	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	34716	55.390	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	132516	50.354	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	116847	51.976	ug/L	98
71) Naphthalene	14.081	128	349896	58.060	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	112670	53.562	ug/L	99

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

