

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061022\
 Data File : U048997.D
 Acq On : 10 Jun 2022 15:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

Quant Time: Jun 10 22:37:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	318379	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	289712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	168911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100572	51.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.560%	
7) Chloroethane-d5	1.890	69	74016	51.396	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.800%	
11) 1,1-Dichloroethene-d2	2.562	63	186693	50.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.880%	
21) 2-Butanone-d5	4.620	46	197941	92.047	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 92.050%	
24) Chloroform-d	5.060	84	202834	48.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.960%	
26) 1,2-Dichloroethane-d4	5.700	65	130721	48.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.440%	
32) Benzene-d6	5.726	84	357732	49.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.600%	
36) 1,2-Dichloropropane-d6	6.690	67	119313	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 98.800%	
41) Toluene-d8	7.896	98	332120	52.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.840%	
43) trans-1,3-Dichloroprop...	8.179	79	61048	53.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.460%	
47) 2-Hexanone-d5	8.632	63	149646	118.394	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 118.390%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	228027	56.531	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 113.060%	
66) 1,2-Dichlorobenzene-d4	12.192	152	152778	51.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	140290	49.933	ug/L	99
3) Chloromethane	1.520	50	145189	49.026	ug/L	99
5) Vinyl chloride	1.601	62	133839	47.673	ug/L	100
6) Bromomethane	1.829	94	74352	47.879	ug/L	98
8) Chloroethane	1.912	64	72655	46.335	ug/L	99
9) Trichlorofluoromethane	2.128	101	187884	47.551	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	106335	47.409	ug/L	99
12) 1,1-Dichloroethene	2.572	96	96389	49.094	ug/L	97
13) Acetone	2.623	43	155378	91.823	ug/L	100
14) Carbon disulfide	2.787	76	236473	47.363	ug/L	100
15) Methyl Acetate	2.945	43	160236	47.743	ug/L	99
16) Methylene chloride	3.041	84	119156	46.605	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	101618	47.073	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	384427	47.602	ug/L	99
19) 1,1-Dichloroethane	3.867	63	207990	44.723	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	114048	43.425	ug/L	95
22) 2-Butanone	4.697	43	230796	88.754	ug/L	97
23) Bromochloromethane	4.970	128	60196	43.670	ug/L	95
25) Chloroform	5.086	83	230029	47.461	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	175418	44.461	ug/L	98
29) Cyclohexane	5.385	56	142338	43.901	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	192019	47.526	ug/L	98
31) Carbon tetrachloride	5.523	117	174569	49.404	ug/L	97
33) Benzene	5.771	78	428072	45.608	ug/L	100
34) Trichloroethene	6.539	95	110571	46.735	ug/L	98
35) Methylcyclohexane	6.761	83	155901	47.208	ug/L	100
37) 1,2-Dichloropropane	6.790	63	117692	44.466	ug/L	99
38) Bromodichloromethane	7.105	83	163981	46.664	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	182200	46.783	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	467687	104.882	ug/L	100
42) Toluene	7.967	91	474519	48.913	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	189157	49.050	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	132298	51.584	ug/L	99
46) Tetrachloroethene	8.552	164	92275	50.307	ug/L	97
48) 2-Hexanone	8.684	43	397151	109.555	ug/L	99
49) Dibromochloromethane	8.809	129	144267	50.521	ug/L	98
50) 1,2-Dibromoethane	8.922	107	136815	50.708	ug/L	100
51) Chlorobenzene	9.446	112	308961	47.113	ug/L	99
52) Ethylbenzene	9.571	91	509477	48.301	ug/L	99
53) m,p-Xylene	9.693	106	207751	50.155	ug/L	96
54) o-Xylene	10.099	106	224820	53.871	ug/L	99
55) Styrene	10.115	104	383645	55.048	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	247993	51.886	ug/L	99
59) Bromoform	10.291	173	119545	47.957	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	206156	48.117	ug/L	99
61) Isopropylbenzene	10.484	105	574346	50.059	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	505282	51.583	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	394539	50.591	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	268164	47.646	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	266573	46.780	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	282520	48.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	66474	47.008	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	194734	48.433	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	156645	46.073	ug/L	98
71) Naphthalene	14.086	128	555617	46.191	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	171722	47.748	ug/L	99

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

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