

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049671.D
 Acq On : 11 Jul 2022 12:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV006

Quant Time: Jul 12 02:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235614	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107435	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	98130	49.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.720%
7) Chloroethane-d5	1.903	69	71375	49.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.340%
11) 1,1-Dichloroethene-d2	2.565	63	175403	49.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.900%
21) 2-Butanone-d5	4.616	46	174461	102.801	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.800%
24) Chloroform-d	5.060	84	176811	50.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	5.700	65	115699	48.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
32) Benzene-d6	5.726	84	336154	50.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	6.690	67	114046	51.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.640%
41) Toluene-d8	7.896	98	297417	51.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.176	79	49294	52.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.300%
47) 2-Hexanone-d5	8.629	63	104559	104.606	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.610%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	158432	50.956	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	12.192	152	103657	51.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	135830	48.093	ug/L	98
3) Chloromethane	1.520	50	150223	48.464	ug/L	97
5) Vinyl chloride	1.600	62	131582	46.977	ug/L	98
6) Bromomethane	1.842	94	69190	53.464	ug/L	99
8) Chloroethane	1.925	64	72954	47.018	ug/L	98
9) Trichlorofluoromethane	2.131	101	164891	47.669	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	86349	47.573	ug/L	100
12) 1,1-Dichloroethene	2.575	96	81389	48.314	ug/L	91
13) Acetone	2.623	43	126684	78.548	ug/L	97
14) Carbon disulfide	2.787	76	264099	46.491	ug/L	99
15) Methyl Acetate	2.944	43	127872	48.802	ug/L	99
16) Methylene chloride	3.041	84	101475	47.835	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	86526	46.953	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	306168	48.505	ug/L	99
19) 1,1-Dichloroethane	3.867	63	183797	47.907	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	99703	48.140	ug/L	95
22) 2-Butanone	4.697	43	200643	92.920	ug/L	99
23) Bromochloromethane	4.970	128	49495	47.895	ug/L	99
25) Chloroform	5.086	83	183963	47.819	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	152888	46.672	ug/L	98
29) Cyclohexane	5.385	56	170310	50.175	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	155790	49.485	ug/L	99
31) Carbon tetrachloride	5.523	117	127695	49.593	ug/L	99
33) Benzene	5.771	78	398333	48.732	ug/L	100
34) Trichloroethene	6.539	95	95660	48.415	ug/L	97
35) Methylcyclohexane	6.761	83	159999	51.532	ug/L	100
37) 1,2-Dichloropropane	6.790	63	111526	49.225	ug/L	99
38) Bromodichloromethane	7.105	83	135419	48.209	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	157433	51.523	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	366700	99.979	ug/L	100
42) Toluene	7.967	91	401360	49.405	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	142425	49.643	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	95156	48.118	ug/L	100
46) Tetrachloroethene	8.552	164	66749	48.709	ug/L	99
48) 2-Hexanone	8.681	43	289505	98.774	ug/L	98
49) Dibromochloromethane	8.809	129	96560	48.547	ug/L	97
50) 1,2-Dibromoethane	8.922	107	98608	50.197	ug/L	99
51) Chlorobenzene	9.446	112	239267	48.635	ug/L	99
52) Ethylbenzene	9.568	91	421917	49.216	ug/L	99
53) m,p-Xylene	9.690	106	156536	50.217	ug/L	98
54) o-Xylene	10.099	106	156728	49.933	ug/L	97
55) Styrene	10.111	104	264864	51.133	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	172053	48.604	ug/L	100
59) Bromoform	10.288	173	69421	48.177	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	138849	48.521	ug/L	100
61) Isopropylbenzene	10.481	105	409894	51.095	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	347970	51.424	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	345365	51.376	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	170246	48.615	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	168233	47.824	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	177196	48.661	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	42487	50.670	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	121319	49.440	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	105999	47.071	ug/L	97
71) Naphthalene	14.086	128	422058	52.429	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	116506	49.947	ug/L	98

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

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