

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047639.D
 Acq On : 24 Mar 2022 17:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV055

Quant Time: Mar 24 23:29:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:21:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	367532	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	381362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	237409	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	114423	42.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.860%
7) Chloroethane-d5	1.919	69	92148	43.848	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.700%
11) 1,1-Dichloroethene-d2	2.575	63	218526	44.815	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.620%
21) 2-Butanone-d5	4.639	46	217398	95.033	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.030%
24) Chloroform-d	5.070	84	221896	45.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.706	65	133758	44.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.440%
32) Benzene-d6	5.732	84	434144	45.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	6.693	67	134982	45.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.600%
41) Toluene-d8	7.899	98	429053	45.891	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.780%
43) trans-1,3-Dichloroprop...	8.182	79	69245	46.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.760%
47) 2-Hexanone-d5	8.639	63	166678	96.613	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.610%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230787	45.631	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	188067	44.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	168299	49.393	ug/L	100
3) Chloromethane	1.526	50	158530	48.650	ug/L	100
5) Vinyl chloride	1.607	62	161084	48.470	ug/L	100
6) Bromomethane	1.864	94	92557	51.744	ug/L	99
8) Chloroethane	1.938	64	102184	48.979	ug/L	100
9) Trichlorofluoromethane	2.144	101	224461	47.896	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	132122	48.773	ug/L	97
12) 1,1-Dichloroethene	2.584	96	122963	48.773	ug/L	92
13) Acetone	2.652	43	177971	83.600	ug/L	98
14) Carbon disulfide	2.800	76	392302	49.228	ug/L	100
15) Methyl Acetate	2.957	43	174156	51.303	ug/L	99
16) Methylene chloride	3.050	84	142905	49.396	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	134917	49.615	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	392133	51.115	ug/L	99
19) 1,1-Dichloroethane	3.877	63	237423	50.625	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	149839	50.262	ug/L	97
22) 2-Butanone	4.719	43	269019	98.100	ug/L	98
23) Bromochloromethane	4.980	128	82094	50.155	ug/L	98
25) Chloroform	5.092	83	253261	50.159	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	196824	50.456	ug/L	100
29) Cyclohexane	5.394	56	207357	53.584	ug/L	98
30) 1,1,1-Trichloroethane	5.320	97	219903	50.853	ug/L	99
31) Carbon tetrachloride	5.529	117	198695	50.885	ug/L	99
33) Benzene	5.777	78	567298	51.392	ug/L	100
34) Trichloroethene	6.546	95	148867	51.440	ug/L	99
35) Methylcyclohexane	6.767	83	234504	53.264	ug/L	99
37) 1,2-Dichloropropane	6.793	63	144876	51.627	ug/L	100
38) Bromodichloromethane	7.108	83	195653	50.773	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	229280	52.658	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	469592	105.880	ug/L	99
42) Toluene	7.970	91	635300	52.452	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	227752	52.388	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	152243	51.154	ug/L	99
46) Tetrachloroethene	8.555	164	131260	50.472	ug/L	99
48) 2-Hexanone	8.687	43	400613	105.009	ug/L	98
49) Dibromochloromethane	8.812	129	174169	50.527	ug/L	99
50) 1,2-Dibromoethane	8.925	107	170735	51.172	ug/L	99
51) Chlorobenzene	9.449	112	419521	51.012	ug/L	99
52) Ethylbenzene	9.571	91	675441	53.037	ug/L	99
53) m,p-Xylene	9.697	106	270245	54.080	ug/L	99
54) o-Xylene	10.102	106	259672	52.946	ug/L	97
55) Styrene	10.115	104	454381	54.264	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	286848	51.411	ug/L	100
59) Bromoform	10.291	173	150356	49.528	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	223653	49.972	ug/L	99
61) Isopropylbenzene	10.484	105	670334	52.244	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	369082	53.016	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	573285	54.213	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	359540	50.415	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	365619	49.496	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	357780	50.138	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	71794	50.079	ug/L	97
69) 1,3,5-Trichlorobenzene	13.220	180	290706	50.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	259023	51.058	ug/L	99
71) Naphthalene	14.085	128	810932	53.615	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	262887	51.691	ug/L	99

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

