

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048264.D
 Acq On : 25 Apr 2022 12:50
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

Quant Time: Apr 26 02:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:28:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	404551	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	224784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	178238	47.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.820%
7) Chloroethane-d5	1.909	69	143515	54.959	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.920%
11) 1,1-Dichloroethene-d2	2.568	63	284704	47.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.520%
21) 2-Butanone-d5	4.620	46	315231	99.350	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.350%
24) Chloroform-d	5.063	84	324164	48.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.080%
26) 1,2-Dichloroethane-d4	5.703	65	191247	47.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
32) Benzene-d6	5.729	84	669407	53.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.180%
36) 1,2-Dichloropropane-d6	6.694	67	217319	52.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.260%
41) Toluene-d8	7.899	98	631793	55.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.560%
43) trans-1,3-Dichloroprop...	8.179	79	97563	53.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.080%
47) 2-Hexanone-d5	8.632	63	229552	102.064	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	344429	47.110	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	249023	49.247	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	143902	47.075	ug/L	100
3) Chloromethane	1.520	50	169744	48.514	ug/L	99
5) Vinyl chloride	1.604	62	165080	46.820	ug/L	99
6) Bromomethane	1.848	94	90186	55.656	ug/L	99
8) Chloroethane	1.929	64	102932	51.630	ug/L	100
9) Trichlorofluoromethane	2.138	101	214508	46.684	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	143682	47.147	ug/L	100
12) 1,1-Dichloroethene	2.581	96	126950	47.723	ug/L	97
13) Acetone	2.626	43	218437	107.237	ug/L	100
14) Carbon disulfide	2.793	76	304745	47.004	ug/L	99
15) Methyl Acetate	2.948	43	193034	47.739	ug/L	100
16) Methylene chloride	3.047	84	161695	47.147	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	132083	47.796	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	456354	50.050	ug/L	99
19) 1,1-Dichloroethane	3.871	63	271789	47.032	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	162494	48.781	ug/L	97
22) 2-Butanone	4.700	43	298428	99.076	ug/L	98
23) Bromochloromethane	4.977	128	88236	47.445	ug/L	98
25) Chloroform	5.089	83	280661	47.561	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	201245	46.755	ug/L	100
29) Cyclohexane	5.388	56	204999	54.269	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	230678	51.022	ug/L	100
31) Carbon tetrachloride	5.526	117	198003	51.383	ug/L	100
33) Benzene	5.777	78	617993	52.208	ug/L	100
34) Trichloroethene	6.543	95	149175	51.415	ug/L	99
35) Methylcyclohexane	6.764	83	221786	54.447	ug/L	100
37) 1,2-Dichloropropane	6.793	63	172917	51.343	ug/L	99
38) Bromodichloromethane	7.108	83	219150	51.526	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	246992	52.154	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	506158	99.645	ug/L	100
42) Toluene	7.970	91	675176	54.328	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	240787	52.045	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	173949	49.229	ug/L	99
46) Tetrachloroethene	8.555	164	131819	52.937	ug/L	99
48) 2-Hexanone	8.684	43	427295	100.734	ug/L	100
49) Dibromochloromethane	8.813	129	185304	47.725	ug/L	99
50) 1,2-Dibromoethane	8.925	107	176340	49.212	ug/L	98
51) Chlorobenzene	9.449	112	434674	48.523	ug/L	99
52) Ethylbenzene	9.571	91	675175	52.459	ug/L	99
53) m,p-Xylene	9.694	106	278062	54.747	ug/L	100
54) o-Xylene	10.102	106	277599	54.254	ug/L	99
55) Styrene	10.115	104	463990	53.231	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	319211	45.773	ug/L	100
59) Bromoform	10.292	173	153073	46.923	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	245404	46.798	ug/L	100
61) Isopropylbenzene	10.484	105	701119	55.784	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	368792	55.672	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	578878	56.839	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	358350	50.856	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	350823	48.769	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	357859	48.211	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	69424	49.593	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	270992	51.756	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	231939	56.072	ug/L	99
71) Naphthalene	14.089	128	784916	66.306	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	244837	57.755	ug/L	98

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

