

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043752.D
 Acq On : 14 May 2021 13:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050140

Quant Time: May 14 14:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	477479	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	466284	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	252798	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	171784	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.90%
7) Chloroethane-d5	1.909	69	128384	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.575	63	312732	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.92%
21) 2-Butanone-d5	4.626	46	303207	98.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	5.070	84	319214	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.710	65	195545	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.735	84	655027	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.697	67	216429	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.902	98	605848	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloroprop...	8.185	79	95762	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.18%
47) 2-Hexanone-d5	8.639	63	206635	95.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	323655	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
66) 1,2-Dichlorobenzene-d4	12.198	152	243049	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	193230	48.08	ug/L	99
3) Chloromethane	1.523	50	221966	45.68	ug/L	100
5) Vinyl chloride	1.607	62	223978	47.42	ug/L	100
6) Bromomethane	1.848	94	127229	55.23	ug/L	97
8) Chloroethane	1.932	64	126786	47.41	ug/L	97
9) Trichlorofluoromethane	2.141	101	258257	48.36	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	172351	49.32	ug/L	99
12) 1,1-Dichloroethene	2.584	96	168047	48.75	ug/L	98
13) Acetone	2.626	43	226131	104.73	ug/L	99
14) Carbon disulfide	2.800	76	516510	47.46	ug/L	100
15) Methyl Acetate	2.951	43	235859	48.13	ug/L	100
16) Methylene chloride	3.054	84	201934	39.12	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	173527	48.66	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	527557	48.77	ug/L	99
19) 1,1-Dichloroethane	3.877	63	335475	48.12	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	193181	49.17	ug/L	96
22) 2-Butanone	4.706	43	355004	99.88	ug/L	99
23) Bromochloromethane	4.983	128	104153	48.85	ug/L	97
25) Chloroform	5.096	83	329458	48.26	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	250431	47.59	ug/L	99
29) Cyclohexane	5.398	56	308505	49.71	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	269572	47.96	ug/L	99
31) Carbon tetrachloride	5.533	117	226436	49.07	ug/L	100
33) Benzene	5.780	78	769078	48.78	ug/L	100
34) Trichloroethene	6.549	95	184875	48.22	ug/L	98
35) Methylcyclohexane	6.771	83	303975	50.15	ug/L	100
37) 1,2-Dichloropropane	6.796	63	207520	48.21	ug/L	100
38) Bromodichloromethane	7.112	83	241308	47.34	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	289185	49.18	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	626541	96.70	ug/L	100
42) Toluene	7.976	91	818217	49.66	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	272162	49.22	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	191007	48.17	ug/L	99
46) Tetrachloroethene	8.558	164	150485	49.89	ug/L	99
48) 2-Hexanone	8.690	43	516736	99.32	ug/L	100
49) Dibromochloromethane	8.816	129	196792	48.38	ug/L	99
50) 1,2-Dibromoethane	8.931	107	200948	48.77	ug/L	98
51) Chlorobenzene	9.452	112	490380	48.06	ug/L	99
52) Ethylbenzene	9.574	91	848405	49.89	ug/L	100
53) m,p-Xylene	9.700	106	328799	51.06	ug/L	100
54) o-xylene	10.105	106	320159	50.25	ug/L	99
55) Styrene	10.121	104	553090	51.48	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	339633	46.98	ug/L	98
59) Bromoform	10.298	173	151904	45.97	ug/L #	97
60) 1,2,3-Trichloropropane	10.828	75	276839	46.92	ug/L	100
61) Isopropylbenzene	10.491	105	826195	50.03	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	698582	50.95	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	709014	51.49	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	391817	48.79	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	393633	48.05	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	401287	47.98	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	73099	45.25	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	294257	49.44	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	247287	48.64	ug/L	99
71) Naphthalene	14.092	128	832950	49.10	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	262142	48.97	ug/L	100

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

