

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045487.D
 Acq On : 01 Nov 2021 14:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050112

Quant Time: Nov 02 02:34:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 02:33:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	319252	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	301240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	156874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105418	40.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.140%
7) Chloroethane-d5	1.916	69	93178	44.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.500%
11) 1,1-Dichloroethene-d2	2.575	63	207355	44.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.860%
21) 2-Butanone-d5	4.632	46	212284	97.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.620%
24) Chloroform-d	5.070	84	218598	46.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
26) 1,2-Dichloroethane-d4	5.706	65	141727	45.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
32) Benzene-d6	5.732	84	428752	46.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	6.693	67	139959	46.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	7.902	98	383713	47.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
43) trans-1,3-Dichloroprop...	8.182	79	67272	47.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.020%
47) 2-Hexanone-d5	8.635	63	154378	95.974	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.970%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213173	47.139	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.280%
66) 1,2-Dichlorobenzene-d4	12.195	152	144737	45.604	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135551	48.050	ug/L	100
3) Chloromethane	1.520	50	155462	45.642	ug/L	100
5) Vinyl chloride	1.607	62	154413	48.220	ug/L	100
6) Bromomethane	1.861	94	80370	48.765	ug/L	99
8) Chloroethane	1.935	64	97529	51.554	ug/L	98
9) Trichlorofluoromethane	2.141	101	184385	48.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	113673	49.226	ug/L	100
12) 1,1-Dichloroethene	2.584	96	107705	49.428	ug/L	95
13) Acetone	2.642	43	198062	111.056	ug/L	98
14) Carbon disulfide	2.800	76	310474	49.836	ug/L	100
15) Methyl Acetate	2.954	43	147535	48.963	ug/L	100
16) Methylene chloride	3.051	84	130799	48.637	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	116870	50.127	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	407494	49.848	ug/L	99
19) 1,1-Dichloroethane	3.877	63	229869	49.467	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	131572	49.474	ug/L	97
22) 2-Butanone	4.713	43	250687	102.928	ug/L	100
23) Bromochloromethane	4.980	128	63453	49.560	ug/L	98
25) Chloroform	5.092	83	228944	49.234	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	185924	48.876	ug/L	99
29) Cyclohexane	5.394	56	214918	49.769	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	189573	49.557	ug/L	99
31) Carbon tetrachloride	5.529	117	149019	49.270	ug/L	99
33) Benzene	5.780	78	518713	49.643	ug/L	100
34) Trichloroethene	6.546	95	125130	49.887	ug/L	99
35) Methylcyclohexane	6.767	83	217524	49.910	ug/L	100
37) 1,2-Dichloropropane	6.796	63	136320	49.142	ug/L	100
38) Bromodichloromethane	7.108	83	172704	49.516	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	215425	50.765	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	405974	99.167	ug/L	100
42) Toluene	7.973	91	547025	50.310	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	206989	51.729	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	126471	49.095	ug/L	98
46) Tetrachloroethene	8.558	164	89991	50.579	ug/L	97
48) 2-Hexanone	8.687	43	337815	99.069	ug/L	100
49) Dibromochloromethane	8.812	129	124148	50.013	ug/L	100
50) 1,2-Dibromoethane	8.928	107	135499	50.121	ug/L	98
51) Chlorobenzene	9.449	112	329717	50.185	ug/L	99
52) Ethylbenzene	9.574	91	588774	51.051	ug/L	99
53) m,p-Xylene	9.697	106	227337	51.512	ug/L	97
54) o-xylene	10.105	106	222758	50.961	ug/L	96
55) Styrene	10.118	104	385399	52.480	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	224466	49.049	ug/L	98
59) Bromoform	10.295	173	88243	48.779	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	181351	46.943	ug/L	99
61) Isopropylbenzene	10.488	105	576619	49.723	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	497572	50.381	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	504089	50.221	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	255034	49.731	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	255875	49.320	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	254846	48.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	54060	47.930	ug/L	99
69) 1,3,5-Trichlorobenzene	13.220	180	189514	50.101	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	178165	51.554	ug/L	100
71) Naphthalene	14.089	128	680100	51.644	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	182144	51.502	ug/L	99

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

