

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045265.D
 Acq On : 08 Oct 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050098

Quant Time: Oct 09 05:33:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	275401	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	271334	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	132623	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	142540	47.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.560%
7) Chloroethane-d5	1.887	69	113148	47.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	2.562	63	234693	46.355	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.720%
21) 2-Butanone-d5	4.629	46	218444	91.650	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.650%
24) Chloroform-d	5.067	84	226228	47.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.020%
26) 1,2-Dichloroethane-d4	5.707	65	151938	47.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.220%
32) Benzene-d6	5.732	84	457525	48.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
36) 1,2-Dichloropropane-d6	6.694	67	146241	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	7.903	98	407530	50.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.320%
43) trans-1,3-Dichloroprop...	8.182	79	67937	49.748	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.500%
47) 2-Hexanone-d5	8.639	63	157776	92.739	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.740%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	234969	49.151	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.300%
66) 1,2-Dichlorobenzene-d4	12.198	152	148910	51.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	126357	47.917	ug/L	99
3) Chloromethane	1.520	50	143219	43.573	ug/L	100
5) Vinyl chloride	1.604	62	158106	49.097	ug/L	97
6) Bromomethane	1.829	94	41170	26.655	ug/L	99
8) Chloroethane	1.913	64	98912	48.940	ug/L	100
9) Trichlorofluoromethane	2.125	101	179604	48.729	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	111272	47.831	ug/L	97
12) 1,1-Dichloroethene	2.575	96	104937	49.205	ug/L	89
13) Acetone	2.633	43	148718	53.978	ug/L	98
14) Carbon disulfide	2.787	76	308374	45.134	ug/L	100
15) Methyl Acetate	2.951	43	158825	46.742	ug/L	97
16) Methylene chloride	3.044	84	137196	50.778	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	111128	49.465	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	401968	54.263	ug/L	99
19) 1,1-Dichloroethane	3.871	63	231295	49.488	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	129137	52.164	ug/L	94
22) 2-Butanone	4.710	43	237675	77.077	ug/L	97
23) Bromochloromethane	4.977	128	62920	50.137	ug/L	98
25) Chloroform	5.092	83	230747	49.662	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	195409	50.283	ug/L	99
29) Cyclohexane	5.391	56	206305	50.583	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	187695	49.972	ug/L	98
31) Carbon tetrachloride	5.527	117	142840	48.150	ug/L	99
33) Benzene	5.777	78	513508	51.026	ug/L	100
34) Trichloroethene	6.546	95	121901	50.431	ug/L	99
35) Methylcyclohexane	6.764	83	197712	48.855	ug/L	98
37) 1,2-Dichloropropane	6.793	63	136849	49.944	ug/L	99
38) Bromodichloromethane	7.108	83	171403	51.033	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	202120	51.554	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	466533	101.926	ug/L	97
42) Toluene	7.973	91	534303	52.253	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	195262	52.378	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	131146	52.814	ug/L	99
46) Tetrachloroethene	8.555	164	83559	48.364	ug/L	98
48) 2-Hexanone	8.687	43	371768	91.593	ug/L	99
49) Dibromochloromethane	8.813	129	125222	50.990	ug/L	99
50) 1,2-Dibromoethane	8.928	107	135524	52.128	ug/L	99
51) Chlorobenzene	9.449	112	327306	51.850	ug/L	100
52) Ethylbenzene	9.575	91	577366	53.450	ug/L	100
53) m,p-Xylene	9.697	106	222108	54.278	ug/L	99
54) o-xylene	10.105	106	222309	55.286	ug/L	98
55) Styrene	10.118	104	385535	55.753	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	243985	51.316	ug/L	99
59) Bromoform	10.295	173	89216	54.241	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	199309	54.336	ug/L	100
61) Isopropylbenzene	10.488	105	569485	58.674	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	481854	59.446	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	491179	59.175	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	240120	53.533	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	240708	52.304	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	248279	53.919	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52612	49.910	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	159174	51.135	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	130111	50.299	ug/L	99
71) Naphthalene	14.089	128	501089	55.901	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	135387	51.155	ug/L	99

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

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