

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022117.D
 Acq On : 07 Sep 2021 21:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050330

Quant Time: Sep 08 01:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	347656	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	324393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	169166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94991	39.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.920%
7) Chloroethane-d5	1.564	69	81090	43.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.260%
11) 1,1-Dichloroethene-d2	2.105	63	183832	46.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
21) 2-Butanone-d5	3.896	46	191015	115.686	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.690%
24) Chloroform-d	4.352	84	210484	47.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
26) 1,2-Dichloroethane-d4	5.034	65	124567	48.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
32) Benzene-d6	5.050	84	407627	46.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
36) 1,2-Dichloropropane-d6	6.072	67	132055	47.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	7.317	98	368111	44.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	7.622	79	57463	43.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.260%
47) 2-Hexanone-d5	8.092	63	125894	118.576	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	189569	53.493	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	150832	45.355	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	93481	39.118	ug/L	98
3) Chloromethane	1.240	50	98556	38.948	ug/L	100
5) Vinyl chloride	1.307	62	107554	42.170	ug/L	99
6) Bromomethane	1.519	94	69124	45.078	ug/L	98
8) Chloroethane	1.584	64	69115	43.318	ug/L	100
9) Trichlorofluoromethane	1.748	101	162050	44.617	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	98853	46.403	ug/L	100
12) 1,1-Dichloroethene	2.114	96	93457	46.604	ug/L	92
13) Acetone	2.188	43	122208	88.336	ug/L #	75
14) Carbon disulfide	2.291	76	234527	38.759	ug/L	100
15) Methyl Acetate	2.436	43	136988	50.846	ug/L	98
16) Methylene chloride	2.507	84	128058	47.663	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	107882	44.493	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	367530	47.701	ug/L	99
19) 1,1-Dichloroethane	3.188	63	206427	47.801	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	126293	46.799	ug/L	99
22) 2-Butanone	3.979	43	187556	96.447	ug/L	98
23) Bromochloromethane	4.249	128	66646	46.373	ug/L	96
25) Chloroform	4.375	83	213995	46.812	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	155016	50.587	ug/L	100
29) Cyclohexane	4.677	56	161919	44.652	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	184103	47.752	ug/L	98
31) Carbon tetrachloride	4.828	117	154142	46.535	ug/L	98
33) Benzene	5.101	78	456657	48.385	ug/L	100
34) Trichloroethene	5.915	95	117630	44.000	ug/L	98
35) Methylcyclohexane	6.133	83	165987	42.471	ug/L	99
37) 1,2-Dichloropropane	6.175	63	122971	50.264	ug/L	99
38) Bromodichloromethane	6.513	83	154622	49.421	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	180717	47.844	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	360213	108.605	ug/L	99
42) Toluene	7.391	91	489626	48.067	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	167426	47.626	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	124552	50.035	ug/L	98
46) Tetrachloroethene	7.979	164	90488	43.530	ug/L	99
48) 2-Hexanone	8.140	43	278672	108.289	ug/L	97
49) Dibromochloromethane	8.249	129	128390	48.184	ug/L	99
50) 1,2-Dibromoethane	8.355	107	129953	48.643	ug/L	98
51) Chlorobenzene	8.882	112	319286	46.620	ug/L	100
52) Ethylbenzene	9.014	91	515093	46.713	ug/L	100
53) m,p-Xylene	9.140	106	198548	46.325	ug/L	100
54) o-Xylene	9.545	106	200561	47.294	ug/L	96
55) Styrene	9.561	104	346160	47.831	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	192503	53.374	ug/L	99
59) Bromoform	9.735	173	90162	50.182	ug/L	99
60) Isopropylbenzene	9.934	105	523011	49.203	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	157214	53.622	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	426725	47.818	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	431634	47.587	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	244527	45.308	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	246752	44.681	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	254117	47.420	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	37450	53.000	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	172919	42.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	147432	41.530	ug/L	98
71) Naphthalene	13.503	128	498935	48.858	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	157249	45.414	ug/L	99

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

