

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071321\
 Data File : VV021645.D
 Acq On : 13 Jul 2021 15:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050285

Quant Time: Jul 14 03:34:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 14 03:32:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	496298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	462138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	249702	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155864	49.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.280%
7) Chloroethane-d5	1.558	69	121521	47.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.700%
11) 1,1-Dichloroethene-d2	2.105	63	269356	46.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.760%
21) 2-Butanone-d5	3.870	46	256864	95.781	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.349	84	310222	47.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
26) 1,2-Dichloroethane-d4	5.031	65	185860	48.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
32) Benzene-d6	5.050	84	627153	48.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
36) 1,2-Dichloropropane-d6	6.069	67	195090	47.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.340%
41) Toluene-d8	7.317	98	581988	48.498	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.622	79	97406	47.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
47) 2-Hexanone-d5	8.085	63	188015	99.040	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	277806	50.382	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	11.625	152	238605	47.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	181761	42.343	ug/L	100
3) Chloromethane	1.240	50	183213	44.334	ug/L	99
5) Vinyl chloride	1.310	62	178525	43.636	ug/L	99
6) Bromomethane	1.507	94	108891	45.673	ug/L	100
8) Chloroethane	1.577	64	105985	45.059	ug/L	98
9) Trichlorofluoromethane	1.748	101	244407	47.467	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137832	46.728	ug/L	98
12) 1,1-Dichloroethene	2.114	96	127797	45.089	ug/L	98
13) Acetone	2.156	43	143660	64.797	ug/L #	100
14) Carbon disulfide	2.291	76	408307	40.860	ug/L	100
15) Methyl Acetate	2.423	43	181040	43.943	ug/L	100
16) Methylene chloride	2.503	84	174670	45.396	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	155211	44.886	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	508464	45.401	ug/L	100
19) 1,1-Dichloroethane	3.188	63	286173	45.433	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	173711	45.177	ug/L	97
22) 2-Butanone	3.953	43	249935	81.628	ug/L	98
23) Bromochloromethane	4.246	128	90225	44.456	ug/L	98
25) Chloroform	4.375	83	291606	45.410	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	216498	46.352	ug/L	99
29) Cyclohexane	4.677	56	261818	44.867	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	262092	45.110	ug/L	99
31) Carbon tetrachloride	4.828	117	227734	44.507	ug/L	100
33) Benzene	5.098	78	645977	45.930	ug/L	100
34) Trichloroethene	5.915	95	168982	44.449	ug/L	98
35) Methylcyclohexane	6.130	83	270248	44.775	ug/L	99
37) 1,2-Dichloropropane	6.172	63	167476	45.813	ug/L	100
38) Bromodichloromethane	6.510	83	223408	45.221	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	270931	44.943	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	491195	91.534	ug/L	100
42) Toluene	7.387	91	696104	46.209	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	254523	45.211	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	167314	46.589	ug/L	99
46) Tetrachloroethene	7.976	164	134536	44.495	ug/L	98
48) 2-Hexanone	8.137	43	366451	86.394	ug/L	100
49) Dibromochloromethane	8.246	129	185455	44.840	ug/L	98
50) 1,2-Dibromoethane	8.352	107	176809	44.902	ug/L	98
51) Chlorobenzene	8.882	112	452115	46.119	ug/L	98
52) Ethylbenzene	9.014	91	760208	46.451	ug/L	100
53) m,p-Xylene	9.140	106	293711	46.765	ug/L	98
54) o-Xylene	9.545	106	294092	46.935	ug/L	98
55) Styrene	9.561	104	500832	47.302	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	273789	48.906	ug/L	99
59) Bromoform	9.731	173	138627	43.194	ug/L	100
60) Isopropylbenzene	9.931	105	773812	45.434	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	213435	44.217	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	655363	45.150	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	661646	45.043	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	361642	45.155	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	362205	45.248	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	363183	45.250	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	60717	42.430	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	266806	44.579	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	230087	44.701	ug/L	99
71) Naphthalene	13.503	128	717235	45.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	233173	45.866	ug/L	99

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

