

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
 Data File : VV021614.D
 Acq On : 06 Jul 2021 14:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050282

Quant Time: Jul 07 01:05:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 07 01:00:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	489301	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	455357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	242458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111414	35.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.980%
7) Chloroethane-d5	1.558	69	100015	39.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.060%
11) 1,1-Dichloroethene-d2	2.105	63	234639	41.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
21) 2-Butanone-d5	3.870	46	232518	87.943	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.940%
24) Chloroform-d	4.349	84	289253	44.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.340%
26) 1,2-Dichloroethane-d4	5.031	65	170100	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
32) Benzene-d6	5.050	84	563810	44.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.069	67	181269	44.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.900%
41) Toluene-d8	7.317	98	520109	43.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
43) trans-1,3-Dichloroprop...	7.622	79	88132	43.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.860%
47) 2-Hexanone-d5	8.085	63	177923	95.119	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	266316	49.017	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.040%
66) 1,2-Dichlorobenzene-d4	11.625	152	222778	46.088	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	200595	47.399	ug/L	100
3) Chloromethane	1.243	50	192311	47.201	ug/L	98
5) Vinyl chloride	1.311	62	186972	46.354	ug/L	100
6) Bromomethane	1.507	94	98542	41.924	ug/L	99
8) Chloroethane	1.577	64	107844	46.506	ug/L	99
9) Trichlorofluoromethane	1.748	101	258168	50.857	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	142280	48.925	ug/L	100
12) 1,1-Dichloroethene	2.114	96	135430	48.465	ug/L	94
13) Acetone	2.156	43	148417	67.900	ug/L #	100
14) Carbon disulfide	2.291	76	453765	46.058	ug/L	100
15) Methyl Acetate	2.423	43	183187	45.100	ug/L	100
16) Methylene chloride	2.503	84	179421	47.298	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	167656	49.179	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	544603	49.323	ug/L	99
19) 1,1-Dichloroethane	3.188	63	302302	48.680	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	187796	49.538	ug/L	95
22) 2-Butanone	3.954	43	251618	83.353	ug/L	99
23) Bromochloromethane	4.246	128	98345	49.149	ug/L	98
25) Chloroform	4.375	83	309934	48.954	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	222229	48.260	ug/L	99
29) Cyclohexane	4.677	56	280923	48.857	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	280583	49.012	ug/L	99
31) Carbon tetrachloride	4.828	117	247043	48.999	ug/L	99
33) Benzene	5.098	78	685573	49.472	ug/L	100
34) Trichloroethene	5.912	95	177896	47.490	ug/L	99
35) Methylcyclohexane	6.130	83	291058	48.941	ug/L	100
37) 1,2-Dichloropropane	6.175	63	178928	49.674	ug/L	100
38) Bromodichloromethane	6.510	83	239360	49.171	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	292679	49.273	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	486419	91.993	ug/L	99
42) Toluene	7.387	91	739680	49.833	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	275130	49.599	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	174709	49.372	ug/L	99
46) Tetrachloroethene	7.976	164	146610	49.210	ug/L	99
48) 2-Hexanone	8.137	43	359894	86.111	ug/L	99
49) Dibromochloromethane	8.246	129	204268	50.124	ug/L	98
50) 1,2-Dibromoethane	8.352	107	190728	49.159	ug/L	100
51) Chlorobenzene	8.883	112	481072	49.803	ug/L	99
52) Ethylbenzene	9.011	91	806292	50.000	ug/L	99
53) m,p-Xylene	9.140	106	314067	50.750	ug/L	98
54) o-Xylene	9.545	106	313457	50.771	ug/L	99
55) Styrene	9.561	104	535092	51.291	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	283060	51.315	ug/L	99
59) Bromoform	9.731	173	154322	49.521	ug/L	99
60) Isopropylbenzene	9.931	105	823313	49.785	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	216552	46.203	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	708868	50.295	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	719068	50.414	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	382953	49.245	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	389102	50.060	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	391417	50.225	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	64484	46.409	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	289605	49.834	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	253043	50.630	ug/L	99
71) Naphthalene	13.503	128	803373	52.780	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	254209	51.498	ug/L	100

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

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