

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050321\
 Data File : VV021255.D
 Acq On : 03 May 2021 19:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050188

Quant Time: May 04 05:27:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 03 18:54:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	821415	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	780607	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	443340	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	172239	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.54%
7) Chloroethane-d5	1.571	69	150040	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.16%
11) 1,1-Dichloroethene-d2	2.111	63	444221	43.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.40%
21) 2-Butanone-d5	3.899	46	287372	98.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.29%
24) Chloroform-d	4.352	84	526378	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.037	65	388033	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
32) Benzene-d6	5.053	84	854967	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.072	67	223368	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.74%
41) Toluene-d8	7.320	98	871783	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	7.625	79	157102	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.092	63	208231	97.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.64%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	354586	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
66) 1,2-Dichlorobenzene-d4	11.632	152	401693	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	300514	45.31	ug/L	100
3) Chloromethane	1.243	50	191271	47.97	ug/L	97
5) Vinyl chloride	1.310	62	230793	46.44	ug/L	96
6) Bromomethane	1.523	94	185387	47.41	ug/L	99
8) Chloroethane	1.587	64	152593	47.53	ug/L	99
9) Trichlorofluoromethane	1.754	101	558739	42.87	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	256794	44.62	ug/L	95
12) 1,1-Dichloroethene	2.121	96	235949	45.88	ug/L	89
13) Acetone	2.191	43	239776	69.38	ug/L	80
14) Carbon disulfide	2.294	76	573781	44.47	ug/L	100
15) Methyl Acetate	2.439	43	198149	47.47	ug/L	93
16) Methylene chloride	2.510	84	252447	47.92	ug/L	93
17) trans-1,2-Dichloroethene	2.761	96	239313	46.47	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	904680	49.00	ug/L #	92
19) 1,1-Dichloroethane	3.195	63	410949	46.06	ug/L	95
20) cis-1,2-Dichloroethene	3.915	96	275183	48.60	ug/L	100
22) 2-Butanone	3.982	43	279320	84.69	ug/L	99
23) Bromochloromethane	4.252	128	158558	48.88	ug/L #	87
25) Chloroform	4.378	83	544113	46.32	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	478111	44.65	ug/L	99
29) Cyclohexane	4.683	56	317354	48.36	ug/L	87
30) 1,1,1-Trichloroethane	4.613	97	561863	46.06	ug/L	98
31) Carbon tetrachloride	4.831	117	509115	44.89	ug/L	99
33) Benzene	5.101	78	957295	47.93	ug/L	100
34) Trichloroethene	5.918	95	291176	45.32	ug/L	96
35) Methylcyclohexane	6.137	83	385664	45.95	ug/L	97
37) 1,2-Dichloropropane	6.178	63	208741	49.50	ug/L #	94
38) Bromodichloromethane	6.513	83	418754	46.80	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	404010	49.10	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	596818	99.90	ug/L #	96
42) Toluene	7.391	91	1133267	48.69	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	437947	48.80	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	269501	49.81	ug/L	95
46) Tetrachloroethene	7.979	164	251775	45.59	ug/L	97
48) 2-Hexanone	8.143	43	478424	99.68	ug/L	95
49) Dibromochloromethane	8.252	129	356201	46.40	ug/L	95
50) 1,2-Dibromoethane	8.355	107	295471	48.48	ug/L	99
51) Chlorobenzene	8.886	112	753194	46.81	ug/L	94
52) Ethylbenzene	9.018	91	1302073	48.43	ug/L	99
53) m,p-Xylene	9.143	106	506144	47.94	ug/L	98
54) o-Xylene	9.548	106	494548	48.60	ug/L	98
55) Styrene	9.564	104	856096	49.41	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.246	83	345241	47.20	ug/L #	98
59) Bromoform	9.738	173	275407	46.41	ug/L	97
60) Isopropylbenzene	9.937	105	1382736	48.81	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	351452	48.48	ug/L	96
62) 1,3,5-Trimethylbenzene	10.545	105	1221816	49.25	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1248092	50.13	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	659013	47.91	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	657762	46.70	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	674729	48.57	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	121857	48.34	ug/L	95
69) 1,3,5-Trichlorobenzene	12.654	180	511754	48.04	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	445783	51.41	ug/L	98
71) Naphthalene	13.509	128	1366315	57.36	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	462875	52.74	ug/L	97

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

