

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041421\
 Data File : VV021018.D
 Acq On : 14 Apr 2021 20:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050168

Quant Time: Apr 15 03:07:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	501693	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	493980	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	282549	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	128007	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.571	69	102188	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.26%
11) 1,1-Dichloroethene-d2	2.111	63	278892	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
21) 2-Butanone-d5	3.905	46	185092	103.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	4.352	84	325407	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
26) 1,2-Dichloroethane-d4	5.037	65	224878	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.053	84	581713	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.072	67	162310	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.88%
41) Toluene-d8	7.320	98	587576	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%
43) trans-1,3-Dichloroprop...	7.625	79	99686	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.095	63	148749	102.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.28%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	263844	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
66) 1,2-Dichlorobenzene-d4	11.632	152	278626	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	195800	49.07	ug/L	98
3) Chloromethane	1.243	50	132865	49.44	ug/L	100
5) Vinyl chloride	1.314	62	148601	49.69	ug/L	95
6) Bromomethane	1.526	94	116108	52.51	ug/L	99
8) Chloroethane	1.587	64	95467	49.35	ug/L	98
9) Trichlorofluoromethane	1.754	101	340912	48.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	162515	48.60	ug/L	98
12) 1,1-Dichloroethene	2.118	96	148585	49.47	ug/L	98
13) Acetone	2.204	43	134069	89.17	ug/L	99
14) Carbon disulfide	2.298	76	411381	49.73	ug/L	98
15) Methyl Acetate	2.442	43	133901	52.91	ug/L	99
16) Methylene chloride	2.510	84	172072	50.92	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	162803	50.95	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	524654	52.27	ug/L	99
19) 1,1-Dichloroethane	3.195	63	277425	50.66	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	175690	51.59	ug/L	96
22) 2-Butanone	3.992	43	190708	103.88	ug/L	96
23) Bromochloromethane	4.253	128	106011	52.37	ug/L	95
25) Chloroform	4.381	83	346363	49.66	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	269047	50.49	ug/L	99
29) Cyclohexane	4.680	56	222020	51.58	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	337577	50.90	ug/L	99
31) Carbon tetrachloride	4.831	117	310191	50.36	ug/L	99
33) Benzene	5.105	78	627907	50.88	ug/L	100
34) Trichloroethene	5.918	95	180357	50.75	ug/L	99
35) Methylcyclohexane	6.137	83	255055	49.37	ug/L	98
37) 1,2-Dichloropropane	6.178	63	152873	52.25	ug/L	98
38) Bromodichloromethane	6.513	83	256167	51.28	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	270459	52.87	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	383906	106.81	ug/L	99
42) Toluene	7.391	91	727132	52.26	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	273158	51.68	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	174261	51.28	ug/L	97
46) Tetrachloroethene	7.979	164	168420	49.79	ug/L	97
48) 2-Hexanone	8.146	43	304150	109.14	ug/L	99
49) Dibromochloromethane	8.249	129	235937	52.13	ug/L	100
50) 1,2-Dibromoethane	8.358	107	194756	51.52	ug/L	94
51) Chlorobenzene	8.886	112	506743	51.69	ug/L	98
52) Ethylbenzene	9.018	91	835531	53.06	ug/L	99
53) m,p-Xylene	9.143	106	324674	52.42	ug/L	98
54) o-Xylene	9.548	106	317865	53.09	ug/L	96
55) Styrene	9.564	104	560360	54.59	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	269294	49.87	ug/L	98
59) Bromoform	9.735	173	189471	51.52	ug/L	99
60) Isopropylbenzene	9.937	105	877520	52.70	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	226698	51.07	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	761799	53.46	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	780342	53.96	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	440709	51.61	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	435076	48.54	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	445553	50.33	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	70187	53.09	ug/L	94
69) 1,3,5-Trichlorobenzene	12.651	180	346951	51.60	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	293967	52.88	ug/L	99
71) Naphthalene	13.509	128	854477	58.99	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	301614	53.95	ug/L	99

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

