

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030521\
 Data File : VV020471.D
 Acq On : 05 Mar 2021 13:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

Quant Time: Mar 05 13:56:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 05 13:10:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	592865	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	579552	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	334979	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	215168	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.04%
7) Chloroethane-d5	1.568	69	169332	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.108	63	365834	49.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.92%
21) 2-Butanone-d5	3.886	46	226734	103.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.03%
24) Chloroform-d	4.349	84	374912	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
26) 1,2-Dichloroethane-d4	5.034	65	228784	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.050	84	756651	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
36) 1,2-Dichloropropane-d6	6.072	67	219785	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.46%
41) Toluene-d8	7.317	98	744484	52.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.32%
43) trans-1,3-Dichloroprop...	7.622	79	109615	52.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.20%
47) 2-Hexanone-d5	8.091	63	178152	112.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.72%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	307348	52.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.632	152	331802	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	260440	48.26	ug/L	100
3) Chloromethane	1.243	50	228024	48.61	ug/L	97
5) Vinyl chloride	1.310	62	246025	49.64	ug/L	99
6) Bromomethane	1.523	94	169768	49.83	ug/L	96
8) Chloroethane	1.587	64	142311	51.21	ug/L	97
9) Trichlorofluoromethane	1.751	101	361548	50.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	190235	49.31	ug/L	# 84
12) 1,1-Dichloroethene	2.117	96	191751	50.10	ug/L	73
13) Acetone	2.182	43	147981	96.27	ug/L	87
14) Carbon disulfide	2.294	76	548252	51.28	ug/L	100
15) Methyl Acetate	2.433	43	169676	49.69	ug/L	# 88
16) Methylene chloride	2.507	84	200624	48.64	ug/L	82
17) trans-1,2-Dichloroethene	2.761	96	199614	50.50	ug/L	86
18) Methyl tert-butyl Ether	2.767	73	550371	50.92	ug/L	# 93
19) 1,1-Dichloroethane	3.191	63	327809	49.31	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	215188	51.50	ug/L	79
22) 2-Butanone	3.969	43	233016	102.50	ug/L	91
23) Bromochloromethane	4.249	128	120548	50.46	ug/L	# 73
25) Chloroform	4.378	83	366731	49.34	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	264109	48.56	ug/L #	94
29) Cyclohexane	4.680	56	271659	52.57	ug/L	85
30) 1,1,1-Trichloroethane	4.609	97	323721	51.33	ug/L	94
31) Carbon tetrachloride	4.831	117	289869	51.73	ug/L	98
33) Benzene	5.101	78	783945	51.57	ug/L	100
34) Trichloroethene	5.915	95	227802	50.32	ug/L	88
35) Methylcyclohexane	6.133	83	307407	52.44	ug/L	90
37) 1,2-Dichloropropane	6.175	63	191586	50.70	ug/L #	96
38) Bromodichloromethane	6.513	83	262635	51.03	ug/L #	99
39) cis-1,3-Dichloropropene	7.027	75	309252	53.52	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	460008	105.44	ug/L #	88
42) Toluene	7.391	91	881038	52.67	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	297691	52.98	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	204895	50.43	ug/L	96
46) Tetrachloroethene	7.979	164	197876	52.10	ug/L	92
48) 2-Hexanone	8.140	43	361263	105.78	ug/L #	87
49) Dibromochloromethane	8.249	129	236123	52.94	ug/L	97
50) 1,2-Dibromoethane	8.355	107	227649	51.88	ug/L #	99
51) Chlorobenzene	8.886	112	601692	51.10	ug/L	94
52) Ethylbenzene	9.014	91	972590	52.90	ug/L	97
53) m,p-Xylene	9.143	106	381104	53.11	ug/L	93
54) o-xylene	9.548	106	368408	53.33	ug/L	91
55) Styrene	9.564	104	655116	55.07	ug/L	93
56) Isopropylbenzene	9.937	105	989843	54.21	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	292705	52.55	ug/L #	96
59) 1,2,3-Trichloropropane	10.278	75	256810	50.42	ug/L	99
61) Bromoform	9.735	173	172949	51.33	ug/L #	99
62) 1,3-Dichlorobenzene	11.185	146	523053	51.77	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	532095	50.40	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	519714	50.83	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.435	75	65283	53.19	ug/L #	64
67) 1,3,5-Trichlorobenzene	12.654	180	415142	52.64	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	366100	53.93	ug/L	96
69) Naphthalene	13.509	128	1042066	57.35	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	375121	54.45	ug/L	98

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

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