

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031121\
 Data File : VW020498.D
 Acq On : 10 Mar 2021 15:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:37:12 PM

Quant Time: Mar 11 00:36:30 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	577050	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	572140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	336048	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	180720	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.571	69	148231	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.50%
11) 1,1-Dichloroethene-d2	2.111	63	318965	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.50%
21) 2-Butanone-d5	3.892	46	197168	92.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.05%
24) Chloroform-d	4.349	84	334834	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	5.031	65	202983	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.050	84	665195	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
36) 1,2-Dichloropropane-d6	6.072	67	196366	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.02%
41) Toluene-d8	7.317	98	650488	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%
43) trans-1,3-Dichloroprop...	7.622	79	96659	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.091	63	151758	97.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	274541	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.632	152	297743	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	260855	49.66	ug/L	99
3) Chloromethane	1.243	50	209533	45.89	ug/L	99
5) Vinyl chloride	1.314	62	227013	47.06	ug/L	99
6) Bromomethane	1.523	94	151746	45.76	ug/L	98
8) Chloroethane	1.587	64	134092	49.57	ug/L	98
9) Trichlorofluoromethane	1.754	101	346798	49.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	192727	51.32	ug/L #	83
12) 1,1-Dichloroethene	2.121	96	178696	47.97	ug/L #	58
13) Acetone	2.188	43	132787	88.75	ug/L	87
14) Carbon disulfide	2.294	76	490273	47.12	ug/L	100
15) Methyl Acetate	2.436	43	148970	44.82	ug/L #	86
16) Methylene chloride	2.506	84	186994	46.58	ug/L	82
17) trans-1,2-Dichloroethene	2.761	96	185090	48.10	ug/L	84
18) Methyl tert-butyl Ether	2.767	73	501169	47.64	ug/L #	93
19) 1,1-Dichloroethane	3.191	63	302965	46.82	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	195620	48.10	ug/L	78
22) 2-Butanone	3.976	43	203762	92.09	ug/L	91
23) Bromochloromethane	4.249	128	111582	47.99	ug/L #	70
25) Chloroform	4.375	83	339944	46.99	ug/L	97

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27) 1,2-Dichloroethane	5.130	62	246600m	46.59	ug/L	
29) Cyclohexane	4.677	56	260362	51.03	ug/L	86
30) 1,1,1-Trichloroethane	4.609	97	299922	48.17	ug/L	93
31) Carbon tetrachloride	4.831	117	272207	49.21	ug/L	99
33) Benzene	5.101	78	724737	48.30	ug/L	100
34) Trichloroethene	5.915	95	213220	47.71	ug/L	89
35) Methylcyclohexane	6.133	83	304903	52.69	ug/L	89
37) 1,2-Dichloropropane	6.175	63	177871	47.68	ug/L #	96
38) Bromodichloromethane	6.513	83	244036	48.03	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	281546	49.36	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	407612	94.64	ug/L #	87
42) Toluene	7.391	91	822515	49.80	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	273414	49.29	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	192819	48.07	ug/L	95
46) Tetrachloroethene	7.979	164	187749	50.07	ug/L	92
48) 2-Hexanone	8.143	43	318598	94.50	ug/L #	86
49) Dibromochloromethane	8.249	129	219801	49.92	ug/L	98
50) 1,2-Dibromoethane	8.355	107	207902	48.00	ug/L #	99
51) Chlorobenzene	8.886	112	554186	47.68	ug/L	93
52) Ethylbenzene	9.014	91	900705	49.62	ug/L	97
53) m,p-Xylene	9.143	106	357327	50.44	ug/L	92
54) o-xylene	9.548	106	344731	50.55	ug/L	91
55) Styrene	9.564	104	609372	51.88	ug/L	92
56) Isopropylbenzene	9.937	105	922944	51.20	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	264869	48.17	ug/L #	98
59) 1,2,3-Trichloropropane	10.278	75	237130	47.16	ug/L	99
61) Bromoform	9.735	173	161957	47.91	ug/L #	98
62) 1,3-Dichlorobenzene	11.185	146	494622	48.80	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	511262	48.27	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	488564	47.63	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	54634	44.37	ug/L #	57
67) 1,3,5-Trichlorobenzene	12.651	180	387943	49.04	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	334068	49.05	ug/L	96
69) Naphthalene	13.509	128	911435	50.01	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	346090	50.08	ug/L	97

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

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