

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021221\
 Data File : VW020308.D
 Acq On : 12 Feb 2021 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Feb 12 22:11:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 00:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	608266	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	594992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	331649	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173431	39.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.22%
7) Chloroethane-d5	1.568	69	158404	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.08%
11) 1,1-Dichloroethene-d2	2.108	63	363015	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
21) 2-Butanone-d5	3.880	46	222821	89.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.93%
24) Chloroform-d	4.349	84	348137	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.031	65	225344	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
32) Benzene-d6	5.050	84	675340	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.069	67	210686	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.56%
41) Toluene-d8	7.317	98	640771	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloroprop...	7.622	79	103328	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.088	63	169641	88.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	295351	44.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.38%
64) 1,2-Dichlorobenzene-d4	11.632	152	276110	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	254750	47.10	ug/L	100
3) Chloromethane	1.243	50	216409	45.01	ug/L	99
5) Vinyl chloride	1.310	62	243569	47.05	ug/L	100
6) Bromomethane	1.523	94	157489	48.68	ug/L	96
8) Chloroethane	1.584	64	158861	49.06	ug/L	98
9) Trichlorofluoromethane	1.751	101	349958	47.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	202851	51.81	ug/L	93
12) 1,1-Dichloroethene	2.118	96	181456	48.09	ug/L	83
13) Acetone	2.169	43	183767	105.07	ug/L	95
14) Carbon disulfide	2.294	76	510019	45.86	ug/L	99
15) Methyl Acetate	2.429	43	172875	46.46	ug/L	93
16) Methylene chloride	2.507	84	200167	48.43	ug/L	88
17) trans-1,2-Dichloroethene	2.761	96	189401	48.41	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	564757	47.54	ug/L	96
19) 1,1-Dichloroethane	3.188	63	348087	48.98	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	204189	48.53	ug/L	89
22) 2-Butanone	3.963	43	246546	99.12	ug/L	93
23) Bromochloromethane	4.246	128	110287	48.47	ug/L #	81
25) Chloroform	4.375	83	372386	50.04	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	291551	49.49	ug/L	99
29) Cyclohexane	4.677	56	289374	47.97	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	317894	48.12	ug/L	98
31) Carbon tetrachloride	4.828	117	279059	48.57	ug/L	99
33) Benzene	5.098	78	779326	48.99	ug/L	100
34) Trichloroethene	5.915	95	212929	48.70	ug/L	91
35) Methylcyclohexane	6.130	83	324291	48.99	ug/L	92
37) 1,2-Dichloropropane	6.175	63	198926	49.36	ug/L	99
38) Bromodichloromethane	6.510	83	272765	49.25	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	317256	49.72	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	478344	94.14	ug/L #	93
42) Toluene	7.387	91	858459	49.06	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	308551	49.72	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	198507	47.86	ug/L	99
46) Tetrachloroethene	7.979	164	172410	48.26	ug/L	95
48) 2-Hexanone	8.140	43	372259	95.76	ug/L #	93
49) Dibromochloromethane	8.249	129	219933	48.06	ug/L	98
50) 1,2-Dibromoethane	8.355	107	212288	47.78	ug/L #	99
51) Chlorobenzene	8.883	112	564994	48.13	ug/L	96
52) Ethylbenzene	9.014	91	954614	49.39	ug/L	98
53) m,p-Xylene	9.140	106	364483	49.53	ug/L	95
54) o-xylene	9.548	106	350247	48.89	ug/L	94
55) Styrene	9.564	104	623256	50.55	ug/L	95
56) Isopropylbenzene	9.937	105	960253	49.95	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	303617	46.47	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	254271	47.06	ug/L	99
61) Bromoform	9.735	173	153984	45.63	ug/L #	99
62) 1,3-Dichlorobenzene	11.185	146	473520	48.27	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	489121	48.62	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	471681	48.16	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	67215	44.73	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.651	180	379954	49.60	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	334071	49.15	ug/L	96
69) Naphthalene	13.509	128	988159	50.76	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	342988	50.68	ug/L	98

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

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