

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020891.D
 Acq On : 02 Apr 2021 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Apr 03 00:41:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 00:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	646006	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	630871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	361888	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	169861	37.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.08%
7) Chloroethane-d5	1.571	69	140078	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.111	63	379376	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
21) 2-Butanone-d5	3.902	46	289527	97.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.03%
24) Chloroform-d	4.352	84	479088	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
26) 1,2-Dichloroethane-d4	5.037	65	314259	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
32) Benzene-d6	5.053	84	844187	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.072	67	244389	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.320	98	848814	54.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.46%
43) trans-1,3-Dichloroprop...	7.625	79	143562	52.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.52%
47) 2-Hexanone-d5	8.092	63	221225	102.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.21%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	379019	50.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.628	152	382744	54.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.98%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	289411	47.82	ug/L	99
3) Chloromethane	1.243	50	189867	39.30	ug/L	98
5) Vinyl chloride	1.314	62	220276	44.63	ug/L	100
6) Bromomethane	1.523	94	159940	51.40	ug/L	99
8) Chloroethane	1.587	64	134695	47.24	ug/L	99
9) Trichlorofluoromethane	1.754	101	465803	55.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	218152	53.80	ug/L	93
12) 1,1-Dichloroethene	2.118	96	198566	52.67	ug/L	91
13) Acetone	2.195	43	194858	91.58	ug/L	97
14) Carbon disulfide	2.294	76	563479	45.20	ug/L	100
15) Methyl Acetate	2.439	43	211320	47.57	ug/L	92
16) Methylene chloride	2.510	84	234317	50.97	ug/L	91
17) trans-1,2-Dichloroethene	2.761	96	223482	51.70	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	737404	55.02	ug/L	98
19) 1,1-Dichloroethane	3.195	63	408073	50.81	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	246371	53.26	ug/L	95
22) 2-Butanone	3.979	43	295805	94.98	ug/L	94
23) Bromochloromethane	4.253	128	141892	56.99	ug/L #	83
25) Chloroform	4.378	83	469897	55.01	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	377559	55.33	ug/L	99
29) Cyclohexane	4.683	56	325346	45.60	ug/L	91
30) 1,1,1-Trichloroethane	4.613	97	459082	58.84	ug/L	98
31) Carbon tetrachloride	4.831	117	416913	59.83	ug/L	99
33) Benzene	5.105	78	906851	52.12	ug/L	100
34) Trichloroethene	5.918	95	257092	53.90	ug/L	94
35) Methylcyclohexane	6.137	83	366839	50.12	ug/L	94
37) 1,2-Dichloropropane	6.179	63	217730	47.72	ug/L	98
38) Bromodichloromethane	6.513	83	351896	54.91	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	377127	53.53	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	587423	96.00	ug/L #	94
42) Toluene	7.391	91	1027669	54.34	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	379539	53.50	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	244285	54.42	ug/L	97
46) Tetrachloroethene	7.979	164	225625	56.67	ug/L	98
48) 2-Hexanone	8.143	43	477388	102.19	ug/L #	97
49) Dibromochloromethane	8.249	129	306112	58.54	ug/L	100
50) 1,2-Dibromoethane	8.355	107	268486	55.85	ug/L	98
51) Chlorobenzene	8.886	112	678967	53.48	ug/L	99
52) Ethylbenzene	9.018	91	1153981	53.47	ug/L	99
53) m,p-Xylene	9.143	106	446314	55.59	ug/L	98
54) o-xylene	9.548	106	439000	56.74	ug/L	96
55) Styrene	9.564	104	763966	56.19	ug/L	97
56) Isopropylbenzene	9.937	105	1194891	56.08	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	374385	51.13	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	319863	53.68	ug/L	98
61) Bromoform	9.735	173	234692	57.12	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	585785	53.04	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	583270	50.78	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	598310	54.97	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	94337	51.27	ug/L	84
67) 1,3,5-Trichlorobenzene	12.651	180	450815	52.66	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	384267	52.94	ug/L	99
69) Naphthalene	13.509	128	1170561	56.34	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	403527	55.52	ug/L	99

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

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