

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011121\
 Data File : VW019966.D
 Acq On : 11 Jan 2021 14:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Jan 12 06:40:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:51:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	414145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	400535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	214215	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	173734	49.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.46%
7) Chloroethane-d5	1.569	69	142551	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.24%
11) 1,1-Dichloroethene-d2	2.109	63	343867	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.96%
21) 2-Butanone-d5	3.897	46	251235	110.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.86%
24) Chloroform-d	4.354	84	322903	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	5.035	65	221694	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
32) Benzene-d6	5.055	84	579960	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.074	67	183434	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.94%
41) Toluene-d8	7.318	98	530102	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%
43) trans-1,3-Dichloroprop...	7.624	79	97311	53.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.26%
47) 2-Hexanone-d5	8.093	63	163223	115.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.35%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	254984	53.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.88%
64) 1,2-Dichlorobenzene-d4	11.633	152	213196	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	200035	49.99	ug/L	99
3) Chloromethane	1.241	50	193174	50.37	ug/L	100
5) Vinyl chloride	1.312	62	196853	50.72	ug/L	100
6) Bromomethane	1.524	94	125343	51.78	ug/L	99
8) Chloroethane	1.585	64	121976	51.06	ug/L	100
9) Trichlorofluoromethane	1.753	101	277581	50.91	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	149652	49.41	ug/L	95
12) 1,1-Dichloroethene	2.119	96	143922	49.27	ug/L	98
13) Acetone	2.190	43	180306	90.05	ug/L	99
14) Carbon disulfide	2.296	76	435769	50.22	ug/L	99
15) Methyl Acetate	2.437	43	178879	52.65	ug/L	99
16) Methylene chloride	2.511	84	159732	51.46	ug/L	98
17) trans-1,2-Dichloroethene	2.762	96	151459	51.74	ug/L	98
18) Methyl tert-butyl Ether	2.772	73	503868	52.85	ug/L	97
19) 1,1-Dichloroethane	3.193	63	290819	51.95	ug/L	99
20) cis-1,2-Dichloroethene	3.916	96	162856	52.10	ug/L	98
22) 2-Butanone	3.981	43	259582	107.60	ug/L	98
23) Bromochloromethane	4.251	128	85755	52.49	ug/L	90
25) Chloroform	4.379	83	304234	51.70	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	262506	53.39	ug/L	100
29) Cyclohexane	4.685	56	240385	50.76	ug/L	96
30) 1,1,1-Trichloroethane	4.614	97	272486	51.72	ug/L	99
31) Carbon tetrachloride	4.833	117	227287	50.59	ug/L	99
33) Benzene	5.103	78	617222	53.08	ug/L	100
34) Trichloroethene	5.920	95	166035	49.83	ug/L	97
35) Methylcyclohexane	6.135	83	241878	50.80	ug/L	98
37) 1,2-Dichloropropane	6.177	63	161100	53.41	ug/L	98
38) Bromodichloromethane	6.514	83	226394	51.97	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	252046	53.37	ug/L	99
40) 4-Methyl-2-pentanone	7.231	43	506513	109.30	ug/L	99
42) Toluene	7.392	91	649839	52.48	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	258604	53.98	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	157090	52.99	ug/L	97
46) Tetrachloroethene	7.981	164	119808	50.08	ug/L	98
48) 2-Hexanone	8.145	43	402393	110.38	ug/L	99
49) Dibromochloromethane	8.251	129	174732	53.37	ug/L	98
50) 1,2-Dibromoethane	8.357	107	170857	53.72	ug/L	98
51) Chlorobenzene	8.887	112	421353	51.38	ug/L	99
52) Ethylbenzene	9.016	91	726217	51.65	ug/L	100
53) m,p-Xylene	9.145	106	266431	51.88	ug/L	99
54) o-xylene	9.550	106	261363	51.69	ug/L	97
55) Styrene	9.566	104	467330	53.46	ug/L	100
56) Isopropylbenzene	9.936	105	712798	52.12	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.247	83	249288	53.71	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	217492	53.03	ug/L	100
61) Bromoform	9.736	173	116903	53.60	ug/L	100
62) 1,3-Dichlorobenzene	11.186	146	332974	51.80	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	340784	51.66	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	339772	52.47	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	62571	55.55	ug/L	93
67) 1,3,5-Trichlorobenzene	12.652	180	252659	52.34	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	234004	54.83	ug/L	98
69) Naphthalene	13.511	128	729017	59.05	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	226620	54.70	ug/L	99

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

