

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012212.D
 Acq On : 12 Aug 2019 18:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Aug 13 06:48:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 13 06:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	440853	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	216132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137450	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.78%
7) Chloroethane-d5	1.58	69	127965	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.84%
11) 1,1-Dichloroethene-d2	2.13	63	257486	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.78%
21) 2-Butanone-d5	3.93	46	305858	119.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.26%
24) Chloroform-d	4.40	84	350735	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.54%
26) 1,2-Dichloroethane-d4	5.08	65	223264	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.60%
32) Benzene-d6	5.10	84	696816	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
36) 1,2-Dichloropropane-d6	6.12	67	220490	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.44%
41) Toluene-d8	7.36	98	630668	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%
43) trans-1,3-Dichloropropene-	7.66	79	110637	52.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.78%
47) 2-Hexanone-d5	8.13	63	222466	121.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	328132	53.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.92%
64) 1,2-Dichlorobenzene-d4	11.67	152	264737	51.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	192054	50.399	ug/L 100
3) Chloromethane	1.25	50	180731	50.996	ug/L 99
5) Vinyl chloride	1.32	62	184597	51.298	ug/L 99
6) Bromomethane	1.53	94	102276	51.845	ug/L 97
8) Chloroethane	1.60	64	110121	54.335	ug/L 99
9) Trichlorofluoromethane	1.77	101	245837	51.968	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	129400	48.383	ug/L 100
12) 1,1-Dichloroethene	2.14	96	124261	48.933	ug/L 95
13) Acetone	2.19	43	149413	73.653	ug/L 99
14) Carbon disulfide	2.32	76	410197	50.069	ug/L 100
15) Methyl Acetate	2.46	43	178372	54.521	ug/L 100
16) Methylene chloride	2.53	84	167580	53.421	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	155473	52.168	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	479793	53.879	ug/L 99
19) 1,1-Dichloroethane	3.23	63	290128	53.730	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	174877	53.218	ug/L 96
22) 2-Butanone	4.01	43	250971	99.309	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	89822	52.493	ug/L	99
25) Chloroform	4.43	83	299452	52.847	ug/L	99
27) 1,2-Dichloroethane	5.18	62	232053	54.937	ug/L	100
29) Cyclohexane	4.73	56	257617	52.592	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	258637	53.185	ug/L	99
31) Carbon tetrachloride	4.88	117	230662	52.966	ug/L	99
33) Benzene	5.15	78	660051	54.066	ug/L	100
34) Trichloroethene	5.96	95	166363	51.623	ug/L	98
35) Methylcyclohexane	6.18	83	273086	52.346	ug/L	99
37) 1,2-Dichloropropane	6.22	63	169901	54.835	ug/L	99
38) Bromodichloromethane	6.56	83	225775	54.315	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	257909	52.918	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	487221	114.248	ug/L	99
42) Toluene	7.43	91	707613	54.383	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	239551	53.877	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	163429	53.559	ug/L	98
46) Tetrachloroethene	8.02	164	137757	50.178	ug/L	99
48) 2-Hexanone	8.18	43	370442	105.633	ug/L	99
49) Dibromochloromethane	8.29	129	187412	54.494	ug/L	96
50) 1,2-Dibromoethane	8.40	107	176353	54.002	ug/L	100
51) Chlorobenzene	8.92	112	454602	52.641	ug/L	99
52) Ethylbenzene	9.05	91	775376	54.134	ug/L	100
53) m,p-Xylene	9.18	106	298850	54.197	ug/L	99
54) o-xylene	9.59	106	294562	55.135	ug/L	100
55) Styrene	9.60	104	506846	55.309	ug/L	97
56) Isopropylbenzene	9.97	105	765823	54.610	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	271083	54.056	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	213390	54.705	ug/L	100
61) Bromoform	9.77	173	134270	54.064	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	360085	52.144	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	359100	50.899	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	358832	51.895	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	58708	55.152	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	271048	51.720	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	232076	53.653	ug/L	99
69) Naphthalene	13.55	128	718871	57.932	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	244965	53.714	ug/L	99

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

