

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120619\
 Data File : VV013950.D
 Acq On : 06 Dec 2019 19:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Dec 07 01:43:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 01:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	649129	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	627373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322626	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192409	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.50%
7) Chloroethane-d5	1.57	69	198205	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.16%
11) 1,1-Dichloroethene-d2	2.13	63	432063	52.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.08%
21) 2-Butanone-d5	3.92	46	247724	93.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.75%
24) Chloroform-d	4.40	84	381576	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.07	65	229927	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.09	84	758885	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.11	67	229565	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.08%
41) Toluene-d8	7.35	98	681445	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%
43) trans-1,3-Dichloropropene-	7.66	79	104401	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.13	63	135168	74.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.18%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	305648	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.67	152	288627	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	275910	47.737	ug/L 99
3) Chloromethane	1.25	50	282453	53.453	ug/L 99
5) Vinyl chloride	1.32	62	274510	49.810	ug/L 98
6) Bromomethane	1.51	94	166481	49.963	ug/L 100
8) Chloroethane	1.59	64	191632	52.259	ug/L 99
9) Trichlorofluoromethane	1.76	101	439227	51.242	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	246842	50.561	ug/L 99
12) 1,1-Dichloroethene	2.14	96	236885	50.233	ug/L 96
13) Acetone	2.18	43	240014	61.981	ug/L 99
14) Carbon disulfide	2.31	76	575707	46.293	ug/L 99
15) Methyl Acetate	2.45	43	237431	49.751	ug/L 99
16) Methylene chloride	2.53	84	244105	49.708	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	220103	47.717	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	685049	51.177	ug/L 100
19) 1,1-Dichloroethane	3.22	63	411557	49.523	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	250096	50.068	ug/L 99
22) 2-Butanone	4.01	43	321022	86.369	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	136494	49.458	ug/L	97
25) Chloroform	4.42	83	426516	48.008	ug/L	100
27) 1,2-Dichloroethane	5.17	62	328740	51.352	ug/L	99
29) Cyclohexane	4.72	56	348747	47.579	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	368745	48.687	ug/L	100
31) Carbon tetrachloride	4.87	117	330743	48.887	ug/L	99
33) Benzene	5.14	78	946656	50.669	ug/L	100
34) Trichloroethene	5.96	95	245288	48.950	ug/L	98
35) Methylcyclohexane	6.17	83	362552	48.221	ug/L	99
37) 1,2-Dichloropropane	6.22	63	236733	52.353	ug/L	100
38) Bromodichloromethane	6.55	83	312014	48.655	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	351961	49.443	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	586627	99.766	ug/L	99
42) Toluene	7.43	91	963657	49.990	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	310034	48.096	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	226358	50.432	ug/L	97
46) Tetrachloroethene	8.01	164	209683	46.372	ug/L	97
48) 2-Hexanone	8.18	43	463983	98.643	ug/L	94
49) Dibromochloromethane	8.29	129	262428	47.830	ug/L	97
50) 1,2-Dibromoethane	8.39	107	248122	50.182	ug/L	98
51) Chlorobenzene	8.92	112	664972	50.001	ug/L	97
52) Ethylbenzene	9.05	91	1081526	50.893	ug/L	100
53) m,p-Xylene	9.18	106	424556	51.663	ug/L	95
54) o-xylene	9.58	106	430391	53.565	ug/L	97
55) Styrene	9.60	104	732410	52.833	ug/L	100
56) Isopropylbenzene	9.97	105	1102174	51.033	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	349583	47.842	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	310304	50.710	ug/L	98
61) Bromoform	9.77	173	216400	54.832	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	516581	48.798	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	517152	47.254	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	535016	50.525	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	68882	46.806	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	387397	45.063	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	287572	37.073	ug/L	98
69) Naphthalene	13.55	128	486589	23.891	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	303969	37.472	ug/L	99

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

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ALS Vial  : 23      Sample Multiplier: 1
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