

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012162.D
 Acq On : 09 Aug 2019 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Aug 10 05:06:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:03:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	301135	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	280950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145703	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58078	52.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.84%
7) Chloroethane-d5	1.57	69	35416	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.28%
11) 1,1-Dichloroethene-d2	2.13	63	99727	47.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.24%
21) 2-Butanone-d5	3.93	46	47166	86.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.11%
24) Chloroform-d	4.40	84	107383	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.08	65	63173	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.10	84	207063	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.12	67	56639	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.60%
41) Toluene-d8	7.36	98	200992	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	7.66	79	30168	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	8.13	63	44967	99.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	78146	48.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	80960	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	135784	53.117	ug/L 98
3) Chloromethane	1.25	50	101845	56.456	ug/L 100
5) Vinyl chloride	1.32	62	94129	56.536	ug/L 99
6) Bromomethane	1.52	94	53906	55.194	ug/L 99
8) Chloroethane	1.59	64	45724	52.426	ug/L 98
9) Trichlorofluoromethane	1.76	101	146996	51.690	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	66136	49.819	ug/L 98
12) 1,1-Dichloroethene	2.14	96	61723	50.520	ug/L 93
13) Acetone	2.18	43	63922	80.365	ug/L 97
14) Carbon disulfide	2.31	76	222913	50.582	ug/L 99
15) Methyl Acetate	2.45	43	84401	51.814	ug/L 99
16) Methylene chloride	2.53	84	94039	50.284	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	91955	51.589	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	299959	52.268	ug/L 99
19) 1,1-Dichloroethane	3.23	63	158278	50.630	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	101390	50.069	ug/L 99
22) 2-Butanone	4.01	43	117160	98.903	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	57047	51.002	ug/L	94
25) Chloroform	4.42	83	180421	51.250	ug/L	98
27) 1,2-Dichloroethane	5.18	62	142204	51.388	ug/L	99
29) Cyclohexane	4.72	56	132388	50.600	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	165252	50.467	ug/L	99
31) Carbon tetrachloride	4.87	117	157416	51.553	ug/L	99
33) Benzene	5.14	78	362647	51.082	ug/L	100
34) Trichloroethene	5.96	95	99347	51.254	ug/L	97
35) Methylcyclohexane	6.17	83	158922	52.649	ug/L	100
37) 1,2-Dichloropropane	6.22	63	90663	53.075	ug/L	99
38) Bromodichloromethane	6.55	83	138600	52.363	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	155456	52.768	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	236426	107.735	ug/L	99
42) Toluene	7.43	91	411977	52.436	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	141445	53.166	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	98075	51.871	ug/L	99
46) Tetrachloroethene	8.02	164	96303	51.975	ug/L	96
48) 2-Hexanone	8.18	43	175520	105.832	ug/L	98
49) Dibromochloromethane	8.29	129	124032	51.826	ug/L	97
50) 1,2-Dibromoethane	8.40	107	108698	52.610	ug/L	99
51) Chlorobenzene	8.92	112	281302	52.389	ug/L	97
52) Ethylbenzene	9.05	91	467007	53.242	ug/L	99
53) m,p-Xylene	9.18	106	182004	52.658	ug/L	97
54) o-xylene	9.59	106	181045	52.842	ug/L	99
55) Styrene	9.60	104	308736	53.904	ug/L	100
56) Isopropylbenzene	9.97	105	479845	53.042	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	153203	52.890	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	119083	51.667	ug/L	99
61) Bromoform	9.77	173	100233	53.562	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	233166	52.694	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	231184	52.469	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	238077	53.264	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	36255	52.338	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	181628	52.130	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	150075	51.910	ug/L	97
69) Naphthalene	13.55	128	444317	55.049	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	161826	53.308	ug/L	99

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

