

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012786.D
 Acq On : 14 Sep 2019 23:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Sep 16 05:02:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 16 04:57:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	695067	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	671772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	317423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	150518	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.42%
7) Chloroethane-d5	1.58	69	155152	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.02%
11) 1,1-Dichloroethene-d2	2.13	63	337296	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
21) 2-Butanone-d5	3.92	46	448532	109.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.80%
24) Chloroform-d	4.40	84	488070	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	302785	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
32) Benzene-d6	5.10	84	875900	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
36) 1,2-Dichloropropane-d6	6.12	67	315063	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.62%
41) Toluene-d8	7.36	98	804654	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%
43) trans-1,3-Dichloropropene-	7.66	79	126297	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
47) 2-Hexanone-d5	8.13	63	272952	112.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.47%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	428486	52.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.90%
64) 1,2-Dichlorobenzene-d4	11.67	152	361742	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	226897	48.759	ug/L	99
3) Chloromethane	1.25	50	240742	49.579	ug/L	99
5) Vinyl chloride	1.32	62	242446	49.937	ug/L	98
6) Bromomethane	1.52	94	140863	51.585	ug/L	100
8) Chloroethane	1.60	64	158092	52.128	ug/L	100
9) Trichlorofluoromethane	1.77	101	341664	50.152	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	208988	49.692	ug/L	99
12) 1,1-Dichloroethene	2.14	96	188425	51.428	ug/L	97
13) Acetone	2.18	43	244426	72.486	ug/L	99
14) Carbon disulfide	2.32	76	383317	47.941	ug/L	99
15) Methyl Acetate	2.45	43	284610	53.172	ug/L	100
16) Methylene chloride	2.53	84	249472	51.894	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	199550	49.827	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	732303	53.011	ug/L	100
19) 1,1-Dichloroethane	3.23	63	450190	52.004	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	256765	51.817	ug/L	99
22) 2-Butanone	4.01	43	410463	97.973	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	129070	51.270	ug/L	99
25) Chloroform	4.42	83	470113	51.692	ug/L	100
27) 1,2-Dichloroethane	5.18	62	353882	51.990	ug/L	99
29) Cyclohexane	4.73	56	324453	50.876	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	362860	51.657	ug/L	99
31) Carbon tetrachloride	4.87	117	306156	50.619	ug/L	100
33) Benzene	5.15	78	957853	52.420	ug/L	100
34) Trichloroethene	5.96	95	262629	49.444	ug/L	98
35) Methylcyclohexane	6.18	83	327070	48.812	ug/L	99
37) 1,2-Dichloropropane	6.22	63	272122	51.785	ug/L	100
38) Bromodichloromethane	6.55	83	349461	51.664	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	366215	49.777	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	789529	108.564	ug/L	99
42) Toluene	7.43	91	1005282	52.977	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	319097	49.195	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	269335	52.532	ug/L	98
46) Tetrachloroethene	8.02	164	181079	49.148	ug/L	98
48) 2-Hexanone	8.18	43	640375	108.529	ug/L	100
49) Dibromochloromethane	8.29	129	282676	52.621	ug/L	99
50) 1,2-Dibromoethane	8.39	107	252999	51.223	ug/L	98
51) Chlorobenzene	8.92	112	662163	50.932	ug/L	99
52) Ethylbenzene	9.05	91	1096884	52.581	ug/L	99
53) m,p-Xylene	9.18	106	407352	53.023	ug/L	97
54) o-xylene	9.59	106	420178	53.875	ug/L	99
55) Styrene	9.60	104	722479	54.616	ug/L	99
56) Isopropylbenzene	9.97	105	1104371	53.893	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	374244	53.458	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	350697	52.433	ug/L	99
61) Bromoform	9.77	173	200806	52.389	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	507718	51.785	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	507904	50.502	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	532979	51.701	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	72354	52.575	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	359526	49.636	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	298160	48.719	ug/L	99
69) Naphthalene	13.55	128	872288	49.304	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	334897	50.410	ug/L	99

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

