

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\
 Data File : VV013882.D
 Acq On : 03 Dec 2019 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Dec 04 01:01:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	698707	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	634165	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	345782	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191508	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.78%
7) Chloroethane-d5	1.57	69	200770	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	440083	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.50%
21) 2-Butanone-d5	3.92	46	276595	97.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.25%
24) Chloroform-d	4.39	84	428426	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	5.07	65	256157	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.09	84	833178	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.11	67	257544	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.35	98	766375	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%
43) trans-1,3-Dichloropropene-	7.66	79	115880	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.12	63	182408	99.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	328778	46.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	329338	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	318655	51.220	ug/L 99
3) Chloromethane	1.25	50	306665	53.917	ug/L 99
5) Vinyl chloride	1.32	62	295752	49.856	ug/L 98
6) Bromomethane	1.52	94	176929	49.331	ug/L 98
8) Chloroethane	1.59	64	199611	50.572	ug/L 98
9) Trichlorofluoromethane	1.76	101	475355	51.522	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	266623	50.738	ug/L 99
12) 1,1-Dichloroethene	2.14	96	257810	50.791	ug/L 95
13) Acetone	2.18	43	448066	107.498	ug/L 98
14) Carbon disulfide	2.31	76	681351	50.901	ug/L 100
15) Methyl Acetate	2.45	43	243337	47.370	ug/L 98
16) Methylene chloride	2.53	84	264051	49.954	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	241437	48.628	ug/L 97
18) Methyl tert-butyl Ether	2.80	73	708331	49.161	ug/L 100
19) 1,1-Dichloroethane	3.22	63	444683	49.713	ug/L 100
20) cis-1,2-Dichloroethene	3.95	96	266606	49.586	ug/L 97
22) 2-Butanone	4.00	43	420602	105.131	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	149479	50.320	ug/L	98
25) Chloroform	4.42	83	463165	48.434	ug/L	100
27) 1,2-Dichloroethane	5.17	62	356209	51.694	ug/L	100
29) Cyclohexane	4.72	56	386517	52.167	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	396703	51.818	ug/L	99
31) Carbon tetrachloride	4.87	117	366345	53.569	ug/L	99
33) Benzene	5.14	78	1009700	53.464	ug/L	100
34) Trichloroethene	5.95	95	274977	54.287	ug/L	99
35) Methylcyclohexane	6.17	83	416249	54.770	ug/L	99
37) 1,2-Dichloropropane	6.21	63	255589	55.918	ug/L	99
38) Bromodichloromethane	6.55	83	335001	51.680	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	378503	52.602	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	615418	103.542	ug/L	100
42) Toluene	7.42	91	1044829	53.621	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	333802	51.228	ug/L	98
45) 1,1,2-Trichloroethane	7.87	97	242511	53.452	ug/L	98
46) Tetrachloroethene	8.01	164	239246	52.343	ug/L	99
48) 2-Hexanone	8.17	43	519828	109.332	ug/L	94
49) Dibromochloromethane	8.28	129	295511	53.283	ug/L	100
50) 1,2-Dibromoethane	8.39	107	257996	51.620	ug/L	99
51) Chlorobenzene	8.92	112	681768	50.714	ug/L	98
52) Ethylbenzene	9.05	91	1126195	52.428	ug/L	99
53) m,p-Xylene	9.17	106	440940	53.082	ug/L	99
54) o-xylene	9.58	106	429552	52.888	ug/L	100
55) Styrene	9.60	104	751145	53.604	ug/L	99
56) Isopropylbenzene	9.97	105	1132711	51.885	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	356798	48.307	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	298454	48.251	ug/L	99
61) Bromoform	9.77	173	230831	54.572	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	580468	51.161	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	578139	49.289	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	585005	51.546	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	77516	49.145	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	453564	49.227	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	354859	42.684	ug/L	97
69) Naphthalene	13.55	128	822023	37.657	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	390616	44.928	ug/L	98

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

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