

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120519\
 Data File : VV013930.D
 Acq On : 05 Dec 2019 21:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Dec 06 04:12:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 04:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	628395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	566072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	288772	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	201007	55.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.62%
7) Chloroethane-d5	1.56	69	195714	51.59	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.12	63	408551	50.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.68%
21) 2-Butanone-d5	3.92	46	252240	98.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.61%
24) Chloroform-d	4.39	84	370692	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.07	65	230552	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.09	84	755690	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
36) 1,2-Dichloropropane-d6	6.11	67	223481	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.52%
41) Toluene-d8	7.35	98	706461	52.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.66%
43) trans-1,3-Dichloropropene-	7.66	79	101028	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.30%
47) 2-Hexanone-d5	8.13	63	161269	98.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.09%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	293735	46.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	278460	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	257853	46.084	ug/L	99
3) Chloromethane	1.25	50	257509	50.340	ug/L	100
5) Vinyl chloride	1.32	62	250049	46.869	ug/L	99
6) Bromomethane	1.51	94	140143	43.447	ug/L	98
8) Chloroethane	1.58	64	169062	47.625	ug/L	99
9) Trichlorofluoromethane	1.76	101	387404	46.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	218194	46.168	ug/L	98
12) 1,1-Dichloroethene	2.13	96	210743	46.164	ug/L	99
13) Acetone	2.18	43	214556	57.235	ug/L	97
14) Carbon disulfide	2.31	76	522319	43.386	ug/L	99
15) Methyl Acetate	2.45	43	218497	47.294	ug/L	98
16) Methylene chloride	2.53	84	220016	46.281	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	202362	45.319	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	625347	48.258	ug/L	100
19) 1,1-Dichloroethane	3.22	63	375680	46.698	ug/L	98
20) cis-1,2-Dichloroethene	3.95	96	224714	46.471	ug/L	98
22) 2-Butanone	4.01	43	297250	82.612	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	124177	46.480	ug/L	97
25) Chloroform	4.42	83	393740	45.781	ug/L	99
27) 1,2-Dichloroethane	5.17	62	298649	48.191	ug/L	99
29) Cyclohexane	4.72	56	320896	48.521	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	333484	48.800	ug/L	99
31) Carbon tetrachloride	4.87	117	298410	48.884	ug/L	99
33) Benzene	5.14	78	867862	51.482	ug/L	100
34) Trichloroethene	5.96	95	236712	52.354	ug/L	98
35) Methylcyclohexane	6.17	83	335737	49.490	ug/L	100
37) 1,2-Dichloropropane	6.21	63	225268	55.212	ug/L	100
38) Bromodichloromethane	6.55	83	287820	49.743	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	315160	49.067	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	565189	106.530	ug/L	100
42) Toluene	7.42	91	908640	52.241	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	288729	49.641	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	212466	52.463	ug/L	98
46) Tetrachloroethene	8.01	164	197937	48.515	ug/L	97
48) 2-Hexanone	8.18	43	445273	104.916	ug/L	95
49) Dibromochloromethane	8.28	129	250318	50.564	ug/L	99
50) 1,2-Dibromoethane	8.39	107	227272	50.943	ug/L	98
51) Chlorobenzene	8.92	112	593508	49.460	ug/L	98
52) Ethylbenzene	9.05	91	955960	49.856	ug/L	98
53) m,p-Xylene	9.18	106	374473	50.503	ug/L	94
54) o-xylene	9.58	106	365510	50.416	ug/L	98
55) Styrene	9.60	104	626163	50.060	ug/L	99
56) Isopropylbenzene	9.97	105	944480	48.467	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	315017	47.780	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	278237	50.394	ug/L	100
61) Bromoform	9.77	173	195484	55.339	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	459500	48.495	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	457908	46.746	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	459712	48.503	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	62864	47.725	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	336924	43.787	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	258459	37.226	ug/L	100
69) Naphthalene	13.55	128	457565	25.100	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	281627	38.787	ug/L	99

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

