

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018869.D
 Acq On : 13 Oct 2020 10:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Oct 14 01:01:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 13:10:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344454	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182533	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	113120	36.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.28%
7) Chloroethane-d5	1.58	69	97151	38.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.12%
11) 1,1-Dichloroethene-d2	2.12	63	235837	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
21) 2-Butanone-d5	3.90	46	192958	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.37	84	239928	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
26) 1,2-Dichloroethane-d4	5.05	65	160590	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
32) Benzene-d6	5.07	84	460062	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.92%
36) 1,2-Dichloropropane-d6	6.09	67	152154	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.14%
41) Toluene-d8	7.33	98	422069	43.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.76%
43) trans-1,3-Dichloropropene-	7.64	79	76264	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.10	63	120153	97.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.03%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	185553	45.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	172913	42.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	135262	60.834	ug/L 99
3) Chloromethane	1.25	50	141960	48.666	ug/L 99
5) Vinyl chloride	1.32	62	143914	47.319	ug/L 99
6) Bromomethane	1.53	94	85940	47.949	ug/L 99
8) Chloroethane	1.59	64	87158	43.770	ug/L 97
9) Trichlorofluoromethane	1.76	101	203243	45.708	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110859	44.775	ug/L 98
12) 1,1-Dichloroethene	2.13	96	104603	43.878	ug/L 98
13) Acetone	2.18	43	188925	117.953	ug/L 99
14) Carbon disulfide	2.31	76	333219	47.219	ug/L 100
15) Methyl Acetate	2.44	43	132762	42.429	ug/L 98
16) Methylene chloride	2.52	84	124620	42.464	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	116226	46.188	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	367584	43.563	ug/L 99
19) 1,1-Dichloroethane	3.21	63	226490	45.862	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	124307	46.742	ug/L 96
22) 2-Butanone	3.98	43	213203	113.600	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	64850	47.034	ug/L	97
25) Chloroform	4.40	83	230851	45.547	ug/L	98
27) 1,2-Dichloroethane	5.15	62	183375	44.471	ug/L	98
29) Cyclohexane	4.70	56	199754	48.992	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	199469	44.452	ug/L	100
31) Carbon tetrachloride	4.85	117	174328	46.094	ug/L	100
33) Benzene	5.12	78	493866	46.236	ug/L	100
34) Trichloroethene	5.93	95	138286	44.983	ug/L	99
35) Methylcyclohexane	6.15	83	181787	48.327	ug/L	98
37) 1,2-Dichloropropane	6.19	63	132375	45.117	ug/L	100
38) Bromodichloromethane	6.53	83	168803	45.301	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	201480	48.608	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	361011	94.680	ug/L	100
42) Toluene	7.41	91	527531	48.083	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	198764	46.795	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	120010	45.541	ug/L	98
46) Tetrachloroethene	7.99	164	101690	45.135	ug/L	98
48) 2-Hexanone	8.15	43	304707	101.231	ug/L	99
49) Dibromochloromethane	8.26	129	131536	45.668	ug/L	98
50) 1,2-Dibromoethane	8.37	107	124618	46.237	ug/L	100
51) Chlorobenzene	8.90	112	334685	45.962	ug/L	99
52) Ethylbenzene	9.03	91	575699	46.208	ug/L	99
53) m,p-Xylene	9.16	106	218332	47.741	ug/L	98
54) o-xylene	9.56	106	207906	47.865	ug/L	96
55) Styrene	9.58	104	372268	48.422	ug/L	98
56) Isopropylbenzene	9.95	105	553490	46.054	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	164502	44.752	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	156237	44.751	ug/L	99
61) Bromoform	9.75	173	92777	45.810	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	271033	45.544	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	280025	45.235	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	266746	44.648	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	36591	44.400	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	181552	47.101	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	170057	46.918	ug/L	99
69) Naphthalene	13.52	128	490735	48.053	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	174253	48.430	ug/L	99

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

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