

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016914.D
 Acq On : 13 Jun 2020 06:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Jun 13 07:34:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	404521	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	377856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110670	38.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.54%
7) Chloroethane-d5	1.57	69	63737	37.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.42%
11) 1,1-Dichloroethene-d2	2.12	63	223231	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.14%
21) 2-Butanone-d5	3.90	46	193517	91.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	4.37	84	261491	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.06	65	187349	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
32) Benzene-d6	5.07	84	474806	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
36) 1,2-Dichloropropane-d6	6.09	67	147112	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.66%
41) Toluene-d8	7.34	98	455559	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.64	79	81128	45.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.76%
47) 2-Hexanone-d5	8.11	63	130244	87.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195253	43.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	190023	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	144480	45.050	ug/L 98
3) Chloromethane	1.25	50	131414	44.807	ug/L 98
5) Vinyl chloride	1.32	62	134104	46.497	ug/L 98
6) Bromomethane	1.53	94	50048	41.665	ug/L 96
8) Chloroethane	1.59	64	59610	41.841	ug/L 96
9) Trichlorofluoromethane	1.76	101	220462	51.079	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	108532	50.463	ug/L 99
12) 1,1-Dichloroethene	2.13	96	102670	51.137	ug/L 95
13) Acetone	2.18	43	120682	86.699	ug/L 98
14) Carbon disulfide	2.31	76	312507	42.990	ug/L 100
15) Methyl Acetate	2.44	43	136041	43.849	ug/L 98
16) Methylene chloride	2.52	84	125034	42.440	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	118453	43.271	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	438968	48.395	ug/L 99
19) 1,1-Dichloroethane	3.21	63	232522	45.125	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	133482	44.727	ug/L 97
22) 2-Butanone	3.98	43	184715	86.053	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	72028	45.816	ug/L	93
25) Chloroform	4.40	83	247402	46.719	ug/L	96
27) 1,2-Dichloroethane	5.15	62	214093	48.228	ug/L	98
29) Cyclohexane	4.70	56	204570	43.568	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	233568	48.471	ug/L	98
31) Carbon tetrachloride	4.86	117	204497	49.055	ug/L	99
33) Benzene	5.13	78	490331	43.859	ug/L	100
34) Trichloroethene	5.94	95	136547	45.541	ug/L	97
35) Methylcyclohexane	6.15	83	208961	44.424	ug/L	99
37) 1,2-Dichloropropane	6.20	63	127855	43.976	ug/L	99
38) Bromodichloromethane	6.53	83	183365	47.378	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	202928	44.934	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	382813	92.920	ug/L	98
42) Toluene	7.41	91	947737	80.416	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	201548	45.905	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	128619	45.854	ug/L	96
46) Tetrachloroethene	8.00	164	110264	46.759	ug/L	99
48) 2-Hexanone	8.16	43	299359	93.715	ug/L	97
49) Dibromochloromethane	8.27	129	145677	48.574	ug/L	98
50) 1,2-Dibromoethane	8.37	107	137078	46.667	ug/L	99
51) Chlorobenzene	8.90	112	352761	45.878	ug/L	100
52) Ethylbenzene	9.03	91	656908	50.323	ug/L	100
53) m,p-Xylene	9.16	106	280238	57.657	ug/L	98
54) o-xylene	9.57	106	233377	48.685	ug/L	100
55) Styrene	9.58	104	383885	47.367	ug/L	97
56) Isopropylbenzene	9.95	105	617592	47.949	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	187068	43.498	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	164509	45.605	ug/L	99
61) Bromoform	9.75	173	98281	49.523	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	286382	46.863	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	284844	45.811	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	292072	47.692	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	44391	46.098	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	212513	46.635	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	200614	47.996	ug/L	99
69) Naphthalene	13.53	128	592614	49.289	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	197849	48.377	ug/L	99

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

