

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016810.D
 Acq On : 11 Jun 2020 07:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Jun 11 08:30:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 08:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357430	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185566	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	114125	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.50%
7) Chloroethane-d5	1.55	69	74577	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.56%
11) 1,1-Dichloroethene-d2	2.12	63	193449	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.36%
21) 2-Butanone-d5	3.90	46	171936	92.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.11%
24) Chloroform-d	4.37	84	236782	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.05	65	162684	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
32) Benzene-d6	5.07	84	445825	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
36) 1,2-Dichloropropane-d6	6.09	67	136756	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.24%
41) Toluene-d8	7.34	98	415741	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.64	79	67153	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.14%
47) 2-Hexanone-d5	8.11	63	116152	86.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189116	46.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	181763	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	130947	46.210	ug/L	99
3) Chloromethane	1.25	50	127038	49.022	ug/L	98
5) Vinyl chloride	1.32	62	114610	44.973	ug/L	98
6) Bromomethane	1.51	94	44179	41.624	ug/L	97
8) Chloroethane	1.58	64	60793	48.293	ug/L	97
9) Trichlorofluoromethane	1.75	101	177395	46.516	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83077	43.717	ug/L	99
12) 1,1-Dichloroethene	2.13	96	78820	44.430	ug/L	98
13) Acetone	2.17	43	98140	79.794	ug/L	99
14) Carbon disulfide	2.30	76	275955	42.963	ug/L	100
15) Methyl Acetate	2.44	43	127762	46.606	ug/L	98
16) Methylene chloride	2.52	84	117514	45.142	ug/L	98
17) trans-1,2-Dichloroethene	2.77	96	110264	45.586	ug/L	95
18) Methyl tert-butyl Ether	2.78	73	375363	46.835	ug/L	99
19) 1,1-Dichloroethane	3.21	63	211549	46.464	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	125053	47.423	ug/L	99
22) 2-Butanone	3.98	43	177123	93.388	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	64975	46.775	ug/L	98
25) Chloroform	4.40	83	220406	47.104	ug/L	96
27) 1,2-Dichloroethane	5.15	62	189122	48.216	ug/L	96
29) Cyclohexane	4.70	56	182607	43.083	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	202805	46.624	ug/L	99
31) Carbon tetrachloride	4.85	117	176673	46.950	ug/L	100
33) Benzene	5.12	78	459712	45.553	ug/L	100
34) Trichloroethene	5.94	95	123333	45.568	ug/L	98
35) Methylcyclohexane	6.15	83	179547	42.286	ug/L	99
37) 1,2-Dichloropropane	6.20	63	118116	45.006	ug/L	99
38) Bromodichloromethane	6.53	83	161412	46.202	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	171318	42.024	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	363682	97.793	ug/L	99
42) Toluene	7.41	91	491942	46.241	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	173545	43.788	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	117925	46.574	ug/L	98
46) Tetrachloroethene	8.00	164	97461	45.785	ug/L	95
48) 2-Hexanone	8.16	43	283206	98.216	ug/L	98
49) Dibromochloromethane	8.27	129	126075	46.569	ug/L	97
50) 1,2-Dibromoethane	8.37	107	122888	46.347	ug/L	100
51) Chlorobenzene	8.90	112	318504	45.888	ug/L	99
52) Ethylbenzene	9.03	91	544986	46.249	ug/L	100
53) m,p-Xylene	9.16	106	208321	47.481	ug/L	98
54) o-xylene	9.56	106	203705	47.077	ug/L	97
55) Styrene	9.58	104	351759	48.082	ug/L	99
56) Isopropylbenzene	9.95	105	550977	47.388	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	184937	47.638	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	156613	48.097	ug/L	99
61) Bromoform	9.75	173	86891	45.524	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	264058	44.927	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	268930	44.971	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	277271	47.074	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	42659	46.060	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	194130	44.294	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	181663	45.189	ug/L	98
69) Naphthalene	13.52	128	554115	47.919	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	181629	46.175	ug/L	99

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

