

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV017534.D
 Acq On : 17 Jul 2020 20:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Jul 18 05:11:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341165	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87778	49.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.84%
7) Chloroethane-d5	1.58	69	65633	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.12	63	184940	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
21) 2-Butanone-d5	3.91	46	130939	107.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.94%
24) Chloroform-d	4.38	84	183192	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
26) 1,2-Dichloroethane-d4	5.06	65	136750	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
32) Benzene-d6	5.08	84	351854	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
36) 1,2-Dichloropropane-d6	6.09	67	97969	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.34	98	335643	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%
43) trans-1,3-Dichloropropene-	7.64	79	59035	51.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.36%
47) 2-Hexanone-d5	8.11	63	90603	112.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141928	51.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	122681	42.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	128250	35.006	ug/L	99
3) Chloromethane	1.25	50	119122	46.183	ug/L	99
5) Vinyl chloride	1.32	62	116662	44.749	ug/L	96
6) Bromomethane	1.53	94	64540	48.772	ug/L	96
8) Chloroethane	1.60	64	60764	44.920	ug/L	99
9) Trichlorofluoromethane	1.76	101	185177	37.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97424	43.002	ug/L	97
12) 1,1-Dichloroethene	2.13	96	89341	43.599	ug/L	92
13) Acetone	2.19	43	122283	74.050	ug/L	97
14) Carbon disulfide	2.31	76	259443	41.599	ug/L	99
15) Methyl Acetate	2.45	43	115161	52.538	ug/L	98
16) Methylene chloride	2.52	84	106133	44.487	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	93840	42.111	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	337223	45.361	ug/L	99
19) 1,1-Dichloroethane	3.21	63	188156	45.920	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	102230	42.817	ug/L	95
22) 2-Butanone	4.00	43	143126	88.668	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	55450	41.738	ug/L	98
25) Chloroform	4.40	83	193467	42.066	ug/L	97
27) 1,2-Dichloroethane	5.15	62	168196	41.606	ug/L	99
29) Cyclohexane	4.70	56	141053	42.868	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	184533	42.530	ug/L	99
31) Carbon tetrachloride	4.86	117	165790	41.746	ug/L	99
33) Benzene	5.13	78	378187	45.343	ug/L	100
34) Trichloroethene	5.94	95	103582	41.830	ug/L	98
35) Methylcyclohexane	6.15	83	147051	40.553	ug/L	98
37) 1,2-Dichloropropane	6.20	63	86745	42.523	ug/L	100
38) Bromodichloromethane	6.53	83	133002	40.040	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	163780	47.111	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	292237	103.601	ug/L	99
42) Toluene	7.41	91	428223	45.935	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	172566	47.992	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	98921	44.692	ug/L	96
46) Tetrachloroethene	8.00	164	83250	40.039	ug/L	98
48) 2-Hexanone	8.16	43	205840	90.142	ug/L	98
49) Dibromochloromethane	8.27	129	120681	43.706	ug/L	99
50) 1,2-Dibromoethane	8.37	107	106868	45.110	ug/L	97
51) Chlorobenzene	8.90	112	268393	42.486	ug/L	99
52) Ethylbenzene	9.03	91	502756	47.149	ug/L	98
53) m,p-Xylene	9.16	106	173780	43.531	ug/L	99
54) o-xylene	9.56	106	172449	44.973	ug/L	99
55) Styrene	9.58	104	298905	44.877	ug/L	96
56) Isopropylbenzene	9.95	105	469349	43.997	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	158957	48.904	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	132924	47.022	ug/L	100
61) Bromoform	9.75	173	95761	46.504	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	234875	43.968	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	230123	42.445	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	211925	39.797	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	40365	46.583	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	165058	41.018	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	183939	52.127	ug/L	99
69) Naphthalene	13.52	128	544784	55.284	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	173272	48.275	ug/L	100

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

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