

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017882.D
 Acq On : 09 Aug 2020 02:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Aug 10 05:14:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254646	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246087	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63233	48.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.16%
7) Chloroethane-d5	1.58	69	54716	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.96%
11) 1,1-Dichloroethene-d2	2.12	63	151446	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
21) 2-Butanone-d5	3.92	46	84619	102.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.38	84	173272	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
26) 1,2-Dichloroethane-d4	5.06	65	129742	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.08	84	284632	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.09	67	74603	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.56%
41) Toluene-d8	7.34	98	282863	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%
43) trans-1,3-Dichloropropene-	7.64	79	49236	53.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.14%
47) 2-Hexanone-d5	8.11	63	55342	106.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	110823	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	141567	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	98198	48.502	ug/L	99
3) Chloromethane	1.25	50	63821	49.826	ug/L	98
5) Vinyl chloride	1.32	62	73268	49.244	ug/L	98
6) Bromomethane	1.53	94	51580	50.965	ug/L	96
8) Chloroethane	1.60	64	47927	51.040	ug/L	98
9) Trichlorofluoromethane	1.76	101	176838	48.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	76214	46.846	ug/L	98
12) 1,1-Dichloroethene	2.13	96	72028	48.012	ug/L	97
13) Acetone	2.20	43	72576	67.726	ug/L	99
14) Carbon disulfide	2.31	76	180978	52.341	ug/L	99
15) Methyl Acetate	2.45	43	60151	50.894	ug/L	95
16) Methylene chloride	2.52	84	80444	50.997	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	76307	49.835	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	276969	52.541	ug/L	99
19) 1,1-Dichloroethane	3.21	63	132366	52.381	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	87367	52.830	ug/L	99
22) 2-Butanone	4.00	43	88228	94.839	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	53149	53.785	ug/L	97
25) Chloroform	4.40	83	168396	51.795	ug/L	99
27) 1,2-Dichloroethane	5.15	62	152631	52.002	ug/L	98
29) Cyclohexane	4.70	56	94478	48.188	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	174645	50.702	ug/L	100
31) Carbon tetrachloride	4.86	117	154936	50.390	ug/L	100
33) Benzene	5.13	78	298931	51.363	ug/L	100
34) Trichloroethene	5.94	95	88441	50.302	ug/L	96
35) Methylcyclohexane	6.15	83	117746	47.026	ug/L	97
37) 1,2-Dichloropropane	6.20	63	67135	52.747	ug/L	98
38) Bromodichloromethane	6.53	83	123678	53.512	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	120038	54.840	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	177527	106.915	ug/L	98
42) Toluene	7.41	91	344658	50.810	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	127474	55.412	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	81822	51.089	ug/L	95
46) Tetrachloroethene	8.00	164	82741	49.930	ug/L	97
48) 2-Hexanone	8.16	43	136901	98.479	ug/L	97
49) Dibromochloromethane	8.27	129	103586	58.112	ug/L	99
50) 1,2-Dibromoethane	8.37	107	90953	51.524	ug/L	97
51) Chlorobenzene	8.90	112	243995	51.705	ug/L	98
52) Ethylbenzene	9.03	91	400214	51.349	ug/L	100
53) m,p-Xylene	9.16	106	151930	50.149	ug/L	96
54) o-xylene	9.56	106	153336	51.536	ug/L	99
55) Styrene	9.58	104	268041	52.536	ug/L	98
56) Isopropylbenzene	9.95	105	421378	51.240	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	112417	52.114	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	102388	52.241	ug/L	100
61) Bromoform	9.75	173	69955	58.198	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	216653	50.664	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	213427	49.138	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	219352	50.417	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	32061	56.300	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	172513	49.635	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	160472	52.716	ug/L	99
69) Naphthalene	13.52	128	426911	54.920	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	164385	53.498	ug/L	100

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

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