

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017844.D
 Acq On : 07 Aug 2020 18:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 01:43:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	231029	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225096	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62629	55.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.18%
7) Chloroethane-d5	1.58	69	52982	55.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.16%
11) 1,1-Dichloroethene-d2	2.12	63	150848	55.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.44%
21) 2-Butanone-d5	3.91	46	84443	99.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.68%
24) Chloroform-d	4.37	84	164585	53.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	5.05	65	121137	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.72%
32) Benzene-d6	5.07	84	269289	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
36) 1,2-Dichloropropane-d6	6.09	67	68551	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.22%
41) Toluene-d8	7.33	98	268080	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%
43) trans-1,3-Dichloropropene-	7.64	79	45587	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.11	63	57281	90.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.61%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	111255	50.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	134870	52.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	117958	50.860	ug/L 98
3) Chloromethane	1.25	50	63133	40.793	ug/L 99
5) Vinyl chloride	1.32	62	76722	46.812	ug/L 97
6) Bromomethane	1.53	94	47275	48.495	ug/L 99
8) Chloroethane	1.59	64	48896	49.284	ug/L 96
9) Trichlorofluoromethane	1.76	101	190653	59.226	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	86033	57.764	ug/L 96
12) 1,1-Dichloroethene	2.13	96	73743	53.035	ug/L 97
13) Acetone	2.19	43	103461	96.166	ug/L 100
14) Carbon disulfide	2.31	76	172960	40.368	ug/L 99
15) Methyl Acetate	2.44	43	68051	48.636	ug/L 92
16) Methylene chloride	2.52	84	84245	51.382	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	79950	50.993	ug/L 93
18) Methyl tert-butyl Ether	2.78	73	292338	56.727	ug/L 97
19) 1,1-Dichloroethane	3.21	63	135592	49.561	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	87433	52.209	ug/L 95
22) 2-Butanone	3.99	43	101456m	101.523	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54203	57.290	ug/L #	84
25) Chloroform	4.40	83	171002	53.932	ug/L	100
27) 1,2-Dichloroethane	5.15	62	156951	55.786	ug/L	99
29) Cyclohexane	4.70	56	101460	44.495	ug/L	87
30) 1,1,1-Trichloroethane	4.63	97	178168	54.902	ug/L	98
31) Carbon tetrachloride	4.85	117	150848	50.998	ug/L	99
33) Benzene	5.12	78	302655	49.573	ug/L	100
34) Trichloroethene	5.93	95	92257	53.169	ug/L	98
35) Methylcyclohexane	6.15	83	128866	50.627	ug/L	96
37) 1,2-Dichloropropane	6.20	63	67487	48.228	ug/L	97
38) Bromodichloromethane	6.53	83	115449	46.387	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	117294	45.647	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	194116	101.781	ug/L	98
42) Toluene	7.41	91	357765	52.751	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	123749	46.926	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	86124	54.039	ug/L	95
46) Tetrachloroethene	8.00	164	86039	55.967	ug/L	97
48) 2-Hexanone	8.16	43	153454	98.896	ug/L	95
49) Dibromochloromethane	8.27	129	85519	41.024	ug/L	99
50) 1,2-Dibromoethane	8.37	107	95576	55.075	ug/L	99
51) Chlorobenzene	8.90	112	249140	53.542	ug/L	96
52) Ethylbenzene	9.03	91	412401	53.074	ug/L	97
53) m,p-Xylene	9.16	106	164315	55.163	ug/L	96
54) o-xylene	9.56	106	161423	56.001	ug/L	100
55) Styrene	9.58	104	278924	55.630	ug/L	97
56) Isopropylbenzene	9.95	105	443458	56.208	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	120092	51.771	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	108759	53.407	ug/L	99
61) Bromoform	9.75	173	52635	32.605	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	228712	54.766	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	232412	54.772	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	232674	55.418	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	30239	46.088	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	191807	58.735	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	182959	64.553	ug/L	99
69) Naphthalene	13.52	128	494852	66.185	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	186484	66.342	ug/L	98

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

