

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017803.D
 Acq On : 06 Aug 2020 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Aug 07 05:24:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 16:25:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223009	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45473	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.58	69	41684	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.12	63	122299	46.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.60%
21) 2-Butanone-d5	3.90	46	76801	93.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.92%
24) Chloroform-d	4.37	84	143373	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	5.05	65	109924	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.07	84	232099	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
36) 1,2-Dichloropropane-d6	6.09	67	60769	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.04%
41) Toluene-d8	7.33	98	236078	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%
43) trans-1,3-Dichloropropene-	7.64	79	45148	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.72%
47) 2-Hexanone-d5	8.11	63	58523	96.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	95604	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	121465	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	105914	47.309	ug/L 99
3) Chloromethane	1.25	50	62246	41.667	ug/L 96
5) Vinyl chloride	1.32	62	68844	43.516	ug/L 97
6) Bromomethane	1.53	94	51417	54.641	ug/L 98
8) Chloroethane	1.59	64	44979	46.967	ug/L 99
9) Trichlorofluoromethane	1.76	101	167086	53.772	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	70514	49.047	ug/L 94
12) 1,1-Dichloroethene	2.13	96	65116	48.515	ug/L 95
13) Acetone	2.18	43	109868	105.794	ug/L 99
14) Carbon disulfide	2.31	76	188292	45.527	ug/L 99
15) Methyl Acetate	2.44	43	57218	42.364	ug/L 93
16) Methylene chloride	2.52	84	72943	46.089	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	68339	45.155	ug/L 94
18) Methyl tert-butyl Ether	2.78	73	242849	48.818	ug/L 96
19) 1,1-Dichloroethane	3.21	63	116099	43.962	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	75897	46.951	ug/L 96
22) 2-Butanone	3.98	43	97977	101.567	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	45943	50.306	ug/L	91
25) Chloroform	4.40	83	148150	48.405	ug/L	97
27) 1,2-Dichloroethane	5.15	62	137377	50.585	ug/L	99
29) Cyclohexane	4.70	56	87738	40.065	ug/L	89
30) 1,1,1-Trichloroethane	4.63	97	155425	49.871	ug/L	98
31) Carbon tetrachloride	4.85	117	149141	52.502	ug/L	99
33) Benzene	5.12	78	263572	44.954	ug/L	100
34) Trichloroethene	5.94	95	80313	48.196	ug/L	96
35) Methylcyclohexane	6.15	83	112854	46.166	ug/L	96
37) 1,2-Dichloropropane	6.19	63	57985	43.148	ug/L	97
38) Bromodichloromethane	6.53	83	118099	49.411	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	118740	48.117	ug/L	96
40) 4-Methyl-2-pentanone	7.24	43	161727	88.299	ug/L	96
42) Toluene	7.41	91	305012	46.829	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	129215	51.021	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	72730	47.519	ug/L	97
46) Tetrachloroethene	8.00	164	75089	50.860	ug/L	98
48) 2-Hexanone	8.16	43	147138	98.739	ug/L	98
49) Dibromochloromethane	8.26	129	103551	51.725	ug/L	95
50) 1,2-Dibromoethane	8.37	107	80337	48.205	ug/L	93
51) Chlorobenzene	8.90	112	213747	47.832	ug/L	98
52) Ethylbenzene	9.03	91	357179	47.865	ug/L	97
53) m,p-Xylene	9.16	106	141349	49.411	ug/L	98
54) o-xylene	9.56	106	135944	49.108	ug/L	99
55) Styrene	9.58	104	241748	50.206	ug/L	99
56) Isopropylbenzene	9.95	105	382982	50.546	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	98301	44.126	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	92680	47.390	ug/L	98
61) Bromoform	9.75	173	84777	52.353	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	201996	48.220	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	204218	47.979	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	202074	47.981	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34261	52.057	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	167903	51.257	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	158044	55.591	ug/L	99
69) Naphthalene	13.52	128	425361	56.716	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	162687	57.698	ug/L	98

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

