

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017455.D
 Acq On : 10 Jul 2020 21:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Jul 11 00:28:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276197	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145205	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58932	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.98%
7) Chloroethane-d5	1.58	69	43719	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.56%
11) 1,1-Dichloroethene-d2	2.13	63	144455	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.74%
21) 2-Butanone-d5	3.91	46	96045	97.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.38	84	153853	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.06	65	108085	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.08	84	260362	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
36) 1,2-Dichloropropane-d6	6.09	67	75357	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.58%
41) Toluene-d8	7.34	98	254786	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	7.64	79	45742	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.11	63	68654	100.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	109398	46.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	112069	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	135594	45.716	ug/L 99
3) Chloromethane	1.25	50	95163	45.573	ug/L 98
5) Vinyl chloride	1.32	62	96125	45.544	ug/L 96
6) Bromomethane	1.53	94	53909	50.321	ug/L 94
8) Chloroethane	1.60	64	49854	45.524	ug/L 96
9) Trichlorofluoromethane	1.76	101	188418	47.685	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83993	45.794	ug/L 99
12) 1,1-Dichloroethene	2.13	96	78519	47.331	ug/L 93
13) Acetone	2.19	43	87340	65.331	ug/L 99
14) Carbon disulfide	2.31	76	218060	43.188	ug/L 100
15) Methyl Acetate	2.45	43	83536	47.075	ug/L 100
16) Methylene chloride	2.52	84	87156	45.126	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	82981	45.998	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	296216	49.217	ug/L 99
19) 1,1-Dichloroethane	3.21	63	154715	46.640	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	91014	47.086	ug/L 99
22) 2-Butanone	3.99	43	114565	87.669	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	51792	48.155	ug/L	96
25) Chloroform	4.40	83	177506	47.674	ug/L	98
27) 1,2-Dichloroethane	5.16	62	161048	49.208	ug/L	98
29) Cyclohexane	4.70	56	128166	45.950	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	180644	49.114	ug/L	100
31) Carbon tetrachloride	4.86	117	161609	48.004	ug/L	98
33) Benzene	5.13	78	335947	47.515	ug/L	100
34) Trichloroethene	5.94	95	96209	45.833	ug/L	98
35) Methylcyclohexane	6.15	83	141944	46.178	ug/L	100
37) 1,2-Dichloropropane	6.20	63	81494	47.126	ug/L	99
38) Bromodichloromethane	6.53	83	135504	48.122	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	143338	48.639	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	232306	97.152	ug/L	98
42) Toluene	7.41	91	375353	47.498	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	146647	48.111	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	87858	46.826	ug/L	98
46) Tetrachloroethene	8.00	164	80822	45.855	ug/L	95
48) 2-Hexanone	8.16	43	181012	93.511	ug/L	98
49) Dibromochloromethane	8.27	129	112106	47.896	ug/L	99
50) 1,2-Dibromoethane	8.37	107	95051	47.330	ug/L	95
51) Chlorobenzene	8.90	112	251539	46.972	ug/L	98
52) Ethylbenzene	9.03	91	433280	47.934	ug/L	100
53) m,p-Xylene	9.16	106	163046	48.181	ug/L	99
54) o-xylene	9.57	106	160345	49.330	ug/L	98
55) Styrene	9.58	104	276029	48.888	ug/L	97
56) Isopropylbenzene	9.95	105	446108	49.331	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	127740	46.361	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	113050	47.177	ug/L	98
61) Bromoform	9.75	173	81908	46.896	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	211138	46.599	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	209630	45.585	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	213331	47.231	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	36297	49.386	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	161965	47.454	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	145633	48.659	ug/L	99
69) Naphthalene	13.52	128	433704	51.890	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	153479	50.414	ug/L	98

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

