

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017200.D
 Acq On : 26 Jun 2020 23:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Jun 27 00:28:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	349880	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177267	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105676	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	72879	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	213609	51.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.06%
21) 2-Butanone-d5	3.91	46	161384	88.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.32%
24) Chloroform-d	4.38	84	241021	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.06	65	167184	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
32) Benzene-d6	5.08	84	441555	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.09	67	129385	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.34%
41) Toluene-d8	7.34	98	419233	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.64	79	71953	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.11	63	112323	84.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180783	45.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	173036	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	174099	62.763	ug/L 98
3) Chloromethane	1.25	50	131546	51.857	ug/L 100
5) Vinyl chloride	1.32	62	125831	50.442	ug/L 97
6) Bromomethane	1.53	94	61577	59.268	ug/L 99
8) Chloroethane	1.60	64	59426	48.226	ug/L 98
9) Trichlorofluoromethane	1.76	101	201846	54.070	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	98110	52.742	ug/L 98
12) 1,1-Dichloroethene	2.14	96	92257	53.127	ug/L 92
13) Acetone	2.19	43	109839	91.233	ug/L 99
14) Carbon disulfide	2.31	76	306339	48.723	ug/L 100
15) Methyl Acetate	2.45	43	115905	43.193	ug/L 97
16) Methylene chloride	2.52	84	115952	45.503	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	109578	46.280	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	361089	46.026	ug/L 98
19) 1,1-Dichloroethane	3.21	63	201602	45.235	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	118050	45.733	ug/L 94
22) 2-Butanone	3.99	43	154798	83.378	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.28	128	63403	46.628	ug/L	96
25) Chloroform	4.40	83	219554	47.935	ug/L	97
27) 1,2-Dichloroethane	5.15	62	189332	49.311	ug/L	98
29) Cyclohexane	4.70	56	179922	42.908	ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	210020	48.804	ug/L	99
31) Carbon tetrachloride	4.86	117	189907	51.012	ug/L	99
33) Benzene	5.13	78	450003	45.073	ug/L	100
34) Trichloroethene	5.94	95	119444	44.608	ug/L	97
35) Methylcyclohexane	6.15	83	187546	44.647	ug/L	98
37) 1,2-Dichloropropane	6.20	63	109804	42.291	ug/L #	97
38) Bromodichloromethane	6.53	83	161144	46.624	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	175858	43.604	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	316219	85.950	ug/L	98
42) Toluene	7.41	91	487242	46.295	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	182763	46.612	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	110830	44.245	ug/L	99
46) Tetrachloroethene	8.00	164	100502	47.724	ug/L	95
48) 2-Hexanone	8.16	43	244708	85.783	ug/L	97
49) Dibromochloromethane	8.27	129	132836	49.597	ug/L	99
50) 1,2-Dibromoethane	8.37	107	120823	46.060	ug/L	100
51) Chlorobenzene	8.90	112	315313	45.919	ug/L	99
52) Ethylbenzene	9.03	91	545911	46.829	ug/L	100
53) m,p-Xylene	9.16	106	205887	47.434	ug/L	99
54) o-xylene	9.56	106	199043	46.496	ug/L	99
55) Styrene	9.58	104	344247	47.564	ug/L	100
56) Isopropylbenzene	9.95	105	545974	47.466	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	169945	44.250	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	145836	45.271	ug/L	99
61) Bromoform	9.75	173	97196	53.307	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	255257	45.463	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	258237	45.204	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	258897	46.012	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	43599	49.279	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	189027	45.149	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	169735	44.199	ug/L	99
69) Naphthalene	13.52	128	533537	48.299	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	178029	47.379	ug/L	98

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

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