

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018629.D
 Acq On : 02 Oct 2020 16:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

Quant Time: Oct 03 00:53:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326566	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88453	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.36%
7) Chloroethane-d5	1.58	69	83087	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.94%
11) 1,1-Dichloroethene-d2	2.12	63	205224	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.18%
21) 2-Butanone-d5	3.91	46	123414	86.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.39%
24) Chloroform-d	4.38	84	187299	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.05	65	122162	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.07	84	354287	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.22%
36) 1,2-Dichloropropane-d6	6.09	67	105835	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.24%
41) Toluene-d8	7.34	98	333230	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.64	79	58453	44.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.16%
47) 2-Hexanone-d5	8.11	63	79730	85.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139541	42.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	148772	43.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	91238	41.089	ug/L 98
3) Chloromethane	1.25	50	94352	39.712	ug/L 100
5) Vinyl chloride	1.32	62	102917	41.199	ug/L 99
6) Bromomethane	1.53	94	80993	47.638	ug/L 98
8) Chloroethane	1.60	64	76714	49.835	ug/L 98
9) Trichlorofluoromethane	1.77	101	190959	50.297	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105794	49.786	ug/L 99
12) 1,1-Dichloroethene	2.13	96	100155	49.130	ug/L 96
13) Acetone	2.20	43	128084	103.774	ug/L 99
14) Carbon disulfide	2.31	76	264325	40.026	ug/L 99
15) Methyl Acetate	2.45	43	99167	41.704	ug/L 99
16) Methylene chloride	2.52	84	105317	43.044	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	99075	42.473	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	317168	44.626	ug/L 99
19) 1,1-Dichloroethane	3.21	63	178270	43.647	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	106269	42.866	ug/L 96
22) 2-Butanone	3.99	43	140007	89.794	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	58690	43.052	ug/L	97
25) Chloroform	4.40	83	192770	44.698	ug/L	98
27) 1,2-Dichloroethane	5.15	62	156165	46.457	ug/L	99
29) Cyclohexane	4.70	56	148350	40.557	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	178931	44.940	ug/L	99
31) Carbon tetrachloride	4.85	117	158273	44.292	ug/L	100
33) Benzene	5.13	78	401341	42.596	ug/L	100
34) Trichloroethene	5.94	95	117897	43.100	ug/L	98
35) Methylcyclohexane	6.15	83	146044	39.578	ug/L	99
37) 1,2-Dichloropropane	6.20	63	101106	41.825	ug/L	99
38) Bromodichloromethane	6.53	83	140718	43.466	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	167488	44.160	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	268683	86.136	ug/L	99
42) Toluene	7.41	91	444334	43.593	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	169851	45.589	ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	104454	43.649	ug/L	97
46) Tetrachloroethene	8.00	164	97014	43.716	ug/L	99
48) 2-Hexanone	8.16	43	217222	89.252	ug/L	99
49) Dibromochloromethane	8.27	129	121554	44.410	ug/L	99
50) 1,2-Dibromoethane	8.37	107	111752	43.922	ug/L	98
51) Chlorobenzene	8.90	112	296650	43.021	ug/L	98
52) Ethylbenzene	9.03	91	499421	43.874	ug/L	99
53) m,p-Xylene	9.16	106	189732	43.130	ug/L	100
54) o-xylene	9.56	106	184564	44.314	ug/L	99
55) Styrene	9.58	104	327149	45.111	ug/L	97
56) Isopropylbenzene	9.95	105	491131	43.969	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	141858	42.056	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	128442	43.682	ug/L	100
61) Bromoform	9.75	173	88544	43.379	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	249741	43.427	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	257525	43.487	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	250351	44.004	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	32559	41.922	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	165061	41.436	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	156034	42.094	ug/L	99
69) Naphthalene	13.52	128	475206	44.784	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	155959	41.911	ug/L	99

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

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