

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018668.D
 Acq On : 05 Oct 2020 11:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Oct 06 02:04:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277163	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85055	52.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.66%
7) Chloroethane-d5	1.58	69	70859	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.44%
11) 1,1-Dichloroethene-d2	2.12	63	168784	50.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.92%
21) 2-Butanone-d5	3.92	46	123916	102.20	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.20%
24) Chloroform-d	4.37	84	181830	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
26) 1,2-Dichloroethane-d4	5.05	65	114899	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
32) Benzene-d6	5.07	84	343233	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.09	67	106842	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.62%
41) Toluene-d8	7.33	98	315469	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%
43) trans-1,3-Dichloropropene-	7.64	79	55274	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.32%
47) 2-Hexanone-d5	8.11	63	72556	90.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	131283	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	11.64	152	108934	40.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.74%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	77189	40.959	ug/L 99
3) Chloromethane	1.25	50	79670	39.509	ug/L 100
5) Vinyl chloride	1.32	62	100772	47.531	ug/L 100
6) Bromomethane	1.53	94	65566	45.439	ug/L 99
8) Chloroethane	1.60	64	63349	48.488	ug/L 99
9) Trichlorofluoromethane	1.77	101	149054	46.257	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	87158	48.327	ug/L 95
12) 1,1-Dichloroethene	2.13	96	79297	45.831	ug/L 97
13) Acetone	2.20	43	103728	99.020	ug/L 98
14) Carbon disulfide	2.31	76	270050	48.182	ug/L 100
15) Methyl Acetate	2.45	43	98779	48.946	ug/L 99
16) Methylene chloride	2.52	84	105175	50.648	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	96540	48.763	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	291865	48.386	ug/L 99
19) 1,1-Dichloroethane	3.21	63	177512	51.209	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	102978	48.943	ug/L 98
22) 2-Butanone	4.00	43	138001	104.284	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	56151	48.532	ug/L	93
25) Chloroform	4.40	83	186779	51.029	ug/L	99
27) 1,2-Dichloroethane	5.15	62	149574	52.428	ug/L	100
29) Cyclohexane	4.70	56	149499	47.709	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	163681	47.988	ug/L	97
31) Carbon tetrachloride	4.85	117	145119	47.406	ug/L	99
33) Benzene	5.12	78	402475	49.863	ug/L	100
34) Trichloroethene	5.94	95	114988	49.070	ug/L	95
35) Methylcyclohexane	6.15	83	141995	44.919	ug/L	97
37) 1,2-Dichloropropane	6.19	63	102211	49.356	ug/L	100
38) Bromodichloromethane	6.53	83	138934	50.096	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	161498	49.705	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	267984	100.286	ug/L	98
42) Toluene	7.41	91	435048	49.823	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	159086	49.844	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	100572	49.058	ug/L	99
46) Tetrachloroethene	7.99	164	82557	43.426	ug/L	96
48) 2-Hexanone	8.16	43	215687	103.449	ug/L	96
49) Dibromochloromethane	8.27	129	112040	47.782	ug/L	99
50) 1,2-Dibromoethane	8.37	107	105725	48.505	ug/L #	99
51) Chlorobenzene	8.90	112	281119	47.589	ug/L	98
52) Ethylbenzene	9.03	91	476585	48.873	ug/L	99
53) m,p-Xylene	9.16	106	182414	48.404	ug/L	100
54) o-xylene	9.56	106	174503	48.908	ug/L	99
55) Styrene	9.58	104	311520	50.143	ug/L	96
56) Isopropylbenzene	9.95	105	458338	47.899	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	132743	45.938	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	123705	49.110	ug/L	98
61) Bromoform	9.75	173	73760	46.337	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	219893	49.031	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	226536	49.053	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	191340	43.126	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	25480	42.068	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	117241	37.739	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	108377	37.490	ug/L	99
69) Naphthalene	13.52	128	353490	42.717	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	111811	38.529	ug/L	97

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

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