

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018385.D
 Acq On : 22 Sep 2020 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Sep 23 05:53:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 17:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263512	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144399	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95221	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	79416	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.68%
11) 1,1-Dichloroethene-d2	2.12	63	185360	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.38%
21) 2-Butanone-d5	3.90	46	133374	100.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.68%
24) Chloroform-d	4.37	84	185404	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
26) 1,2-Dichloroethane-d4	5.05	65	119654	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
32) Benzene-d6	5.07	84	358110	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.09	67	113393	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.62%
41) Toluene-d8	7.33	98	330391	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%
43) trans-1,3-Dichloropropene-	7.64	79	58973	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.10	63	95398	105.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.07%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	154469	51.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	140597	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96379	49.770	ug/L 98
3) Chloromethane	1.25	50	105259	49.778	ug/L 100
5) Vinyl chloride	1.32	62	107741	49.687	ug/L 100
6) Bromomethane	1.53	94	68666	51.810	ug/L 98
8) Chloroethane	1.59	64	68218	50.222	ug/L 98
9) Trichlorofluoromethane	1.76	101	151736	50.860	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93965	52.434	ug/L 99
12) 1,1-Dichloroethene	2.13	96	88158	50.557	ug/L 94
13) Acetone	2.19	43	140707	132.646	ug/L 99
14) Carbon disulfide	2.31	76	259318	48.601	ug/L 100
15) Methyl Acetate	2.44	43	99948	52.429	ug/L 99
16) Methylene chloride	2.52	84	100911	51.601	ug/L 99
17) trans-1,2-Dichloroethene	2.77	96	91612	50.979	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	291542	52.446	ug/L 100
19) 1,1-Dichloroethane	3.21	63	175360	51.612	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	98882	51.474	ug/L 97
22) 2-Butanone	3.99	43	161476	128.553	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	53401	53.131	ug/L	100
25) Chloroform	4.40	83	178213	51.600	ug/L	98
27) 1,2-Dichloroethane	5.15	62	137480	51.419	ug/L	99
29) Cyclohexane	4.70	56	156205	51.335	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	154222	50.430	ug/L	99
31) Carbon tetrachloride	4.85	117	136507	50.764	ug/L	99
33) Benzene	5.12	78	384274	51.005	ug/L	100
34) Trichloroethene	5.93	95	103626	50.491	ug/L	96
35) Methylcyclohexane	6.15	83	160807	52.038	ug/L	100
37) 1,2-Dichloropropane	6.19	63	103243	51.713	ug/L	99
38) Bromodichloromethane	6.53	83	131655	50.674	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	159350	51.803	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	260926	107.731	ug/L	99
42) Toluene	7.41	91	415747	52.144	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	156956	52.405	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	96870	52.349	ug/L	99
46) Tetrachloroethene	7.99	164	83850	52.106	ug/L	97
48) 2-Hexanone	8.15	43	219074	114.730	ug/L	99
49) Dibromochloromethane	8.27	129	108329	52.154	ug/L	99
50) 1,2-Dibromoethane	8.37	107	101164	51.945	ug/L	99
51) Chlorobenzene	8.90	112	266944	51.553	ug/L	99
52) Ethylbenzene	9.03	91	456455	52.438	ug/L	100
53) m,p-Xylene	9.16	106	173647	53.445	ug/L	96
54) o-xylene	9.56	106	166393	53.159	ug/L	98
55) Styrene	9.58	104	296908	54.573	ug/L	98
56) Isopropylbenzene	9.95	105	449505	53.285	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	145964	53.325	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	123613	52.642	ug/L	100
61) Bromoform	9.75	173	81786	52.722	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	222477	51.813	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	227867	51.630	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	224171	51.651	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	32012	52.269	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	176400	52.112	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	161990	53.739	ug/L	99
69) Naphthalene	13.52	128	451515	59.197	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	167156	56.301	ug/L	99

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

