

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018200.D
 Acq On : 14 Sep 2020 13:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Sep 15 05:25:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287010	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289356	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93959	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.34%
7) Chloroethane-d5	1.58	69	87162	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.08%
11) 1,1-Dichloroethene-d2	2.12	63	196610	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
21) 2-Butanone-d5	3.91	46	152239	106.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.34%
24) Chloroform-d	4.37	84	206651	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	5.05	65	133213	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
32) Benzene-d6	5.07	84	394652	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.09	67	126639	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.33	98	365547	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%
43) trans-1,3-Dichloropropene-	7.64	79	66555	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.52%
47) 2-Hexanone-d5	8.10	63	118986	119.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	183375	55.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	158841	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	108092	51.648	ug/L 99
3) Chloromethane	1.25	50	119396	52.246	ug/L 100
5) Vinyl chloride	1.32	62	119010	50.784	ug/L 100
6) Bromomethane	1.53	94	75724	52.867	ug/L 99
8) Chloroethane	1.60	64	76295	51.972	ug/L 100
9) Trichlorofluoromethane	1.77	101	168447	52.243	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103591	53.487	ug/L 100
12) 1,1-Dichloroethene	2.13	96	97104	51.528	ug/L 99
13) Acetone	2.20	43	91597	79.899	ug/L 100
14) Carbon disulfide	2.31	76	291351	50.525	ug/L 100
15) Methyl Acetate	2.45	43	111533	54.136	ug/L 98
16) Methylene chloride	2.52	84	112445	53.204	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	100784	51.894	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	323840	53.904	ug/L 100
19) 1,1-Dichloroethane	3.21	63	193969	52.824	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	109655	52.818	ug/L 99
22) 2-Butanone	3.99	43	134635	99.177	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	59251	54.548	ug/L	98
25) Chloroform	4.40	83	196241	52.575	ug/L	99
27) 1,2-Dichloroethane	5.15	62	156738	54.243	ug/L	100
29) Cyclohexane	4.70	56	170958	51.165	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	170022	50.631	ug/L	99
31) Carbon tetrachloride	4.85	117	149731	50.708	ug/L	97
33) Benzene	5.12	78	433448	52.393	ug/L	100
34) Trichloroethene	5.94	95	108153	47.990	ug/L	98
35) Methylcyclohexane	6.15	83	173937	51.260	ug/L	99
37) 1,2-Dichloropropane	6.19	63	114515	52.236	ug/L	99
38) Bromodichloromethane	6.53	83	150457	52.739	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	179871	53.252	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	294126	110.592	ug/L	100
42) Toluene	7.41	91	465981	53.224	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	178827	54.375	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	108372	53.334	ug/L	98
46) Tetrachloroethene	7.99	164	91542	51.805	ug/L	99
48) 2-Hexanone	8.15	43	210070	100.188	ug/L	98
49) Dibromochloromethane	8.26	129	123506	54.150	ug/L	99
50) 1,2-Dibromoethane	8.37	107	115655	54.082	ug/L	99
51) Chlorobenzene	8.90	112	299533	52.681	ug/L	99
52) Ethylbenzene	9.03	91	508879	53.239	ug/L	100
53) m,p-Xylene	9.16	106	193863	54.338	ug/L	96
54) o-xylene	9.56	106	186100	54.144	ug/L	99
55) Styrene	9.58	104	338252	56.620	ug/L	99
56) Isopropylbenzene	9.95	105	494488	53.381	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	178321	59.327	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	140447	54.469	ug/L	100
61) Bromoform	9.75	173	92327	53.176	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	253873	52.826	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	259071	52.446	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	251974	51.872	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	38289	55.857	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	193406	51.048	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	180347	53.455	ug/L	99
69) Naphthalene	13.52	128	526309	61.651	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	184362	55.481	ug/L	99

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

