

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018335.D
 Acq On : 18 Sep 2020 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Sep 19 01:45:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277124	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102021	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.34%
7) Chloroethane-d5	1.58	69	82704	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.12	63	190424	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.94%
21) 2-Butanone-d5	3.92	46	125271	90.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.38	84	181311	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.06	65	115465	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
32) Benzene-d6	5.08	84	356841	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.09	67	110291	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.32%
41) Toluene-d8	7.34	98	331176	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.64	79	55322	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
47) 2-Hexanone-d5	8.11	63	90349	95.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148352	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	136460	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95590	47.304	ug/L 99
3) Chloromethane	1.25	50	106710	48.361	ug/L 100
5) Vinyl chloride	1.32	62	108215	47.825	ug/L 100
6) Bromomethane	1.53	94	67836	49.050	ug/L 99
8) Chloroethane	1.60	64	68574	48.379	ug/L 100
9) Trichlorofluoromethane	1.77	101	151986	48.819	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	89740	47.988	ug/L 99
12) 1,1-Dichloroethene	2.13	96	88198	48.471	ug/L 93
13) Acetone	2.20	43	86784	78.401	ug/L 100
14) Carbon disulfide	2.31	76	255413	45.873	ug/L 100
15) Methyl Acetate	2.45	43	98750	49.641	ug/L 100
16) Methylene chloride	2.52	84	100165	49.084	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	90485	48.253	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	281895	48.596	ug/L 100
19) 1,1-Dichloroethane	3.21	63	175049	49.372	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	97305	48.542	ug/L 97
22) 2-Butanone	4.00	43	127143	97.000	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	50692	48.333	ug/L	95
25) Chloroform	4.40	83	175594	48.722	ug/L	98
27) 1,2-Dichloroethane	5.16	62	137975	49.453	ug/L	99
29) Cyclohexane	4.71	56	152913	48.225	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	155097	48.669	ug/L	100
31) Carbon tetrachloride	4.86	117	136167	48.594	ug/L	99
33) Benzene	5.13	78	387263	49.327	ug/L	100
34) Trichloroethene	5.94	95	99425	46.489	ug/L	99
35) Methylcyclohexane	6.16	83	153125	47.553	ug/L	99
37) 1,2-Dichloropropane	6.20	63	101390	48.736	ug/L	99
38) Bromodichloromethane	6.53	83	131391	48.532	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	152141	47.464	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	257691	102.101	ug/L	100
42) Toluene	7.41	91	412039	49.593	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	148793	47.675	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	95169	49.354	ug/L	97
46) Tetrachloroethene	8.00	164	80731	48.143	ug/L	98
48) 2-Hexanone	8.16	43	202449	101.745	ug/L	100
49) Dibromochloromethane	8.27	129	105532	48.757	ug/L	99
50) 1,2-Dibromoethane	8.37	107	101035	49.785	ug/L	97
51) Chlorobenzene	8.90	112	263475	48.830	ug/L	99
52) Ethylbenzene	9.03	91	451390	49.763	ug/L	100
53) m,p-Xylene	9.16	106	170480	50.353	ug/L	98
54) o-xylene	9.56	106	163541	50.139	ug/L	99
55) Styrene	9.58	104	292218	51.544	ug/L	99
56) Isopropylbenzene	9.95	105	443978	50.506	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	149390	52.374	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	123223	50.358	ug/L	99
61) Bromoform	9.75	173	77986	48.172	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	217322	48.498	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	223832	48.597	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	220429	48.667	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	32295	50.528	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	166383	47.099	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	152253	48.399	ug/L	99
69) Naphthalene	13.52	128	449411	56.460	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	160338	51.749	ug/L	100

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

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