

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018799.D
 Acq On : 09 Oct 2020 06:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Oct 09 07:36:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350391	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164268	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	150833	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.76%
7) Chloroethane-d5	1.58	69	119088	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.12	63	281459	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
21) 2-Butanone-d5	3.90	46	192598	98.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.52%
24) Chloroform-d	4.38	84	275241	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.06	65	186253	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
32) Benzene-d6	5.07	84	535017	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
36) 1,2-Dichloropropane-d6	6.09	67	162583	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.34	98	465887	46.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.68%
43) trans-1,3-Dichloropropene-	7.64	79	80811	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.50%
47) 2-Hexanone-d5	8.11	63	136190	106.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	195465	46.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	183699	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	99766	44.110	ug/L	99
3) Chloromethane	1.25	50	132464	44.641	ug/L	100
5) Vinyl chloride	1.32	62	138380	44.729	ug/L	99
6) Bromomethane	1.53	94	80188	43.981	ug/L	100
8) Chloroethane	1.60	64	90442	44.650	ug/L	97
9) Trichlorofluoromethane	1.77	101	199196	44.038	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	108138	42.936	ug/L	99
12) 1,1-Dichloroethene	2.13	96	106559	43.941	ug/L	90
13) Acetone	2.18	43	128572	78.912	ug/L	100
14) Carbon disulfide	2.31	76	308655	42.997	ug/L	100
15) Methyl Acetate	2.44	43	146518	46.032	ug/L	99
16) Methylene chloride	2.52	84	129167	43.268	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	113498	44.340	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	395290	46.053	ug/L	100
19) 1,1-Dichloroethane	3.21	63	220300	43.853	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	123405	45.616	ug/L	98
22) 2-Butanone	3.99	43	180982	94.798	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	66493	47.409	ug/L	97
25) Chloroform	4.40	83	239541	46.461	ug/L	99
27) 1,2-Dichloroethane	5.15	62	196875	46.936	ug/L	99
29) Cyclohexane	4.70	56	207714	49.261	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	206252	44.445	ug/L	99
31) Carbon tetrachloride	4.86	117	178387	45.608	ug/L	100
33) Benzene	5.13	78	506247	45.829	ug/L	100
34) Trichloroethene	5.94	95	134576	42.329	ug/L	99
35) Methylcyclohexane	6.15	83	163521	42.034	ug/L	98
37) 1,2-Dichloropropane	6.20	63	131033	43.183	ug/L	100
38) Bromodichloromethane	6.53	83	170044	44.126	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	189871	44.293	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	368396	93.424	ug/L	100
42) Toluene	7.41	91	514986	45.388	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	191825	43.669	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	119784	43.953	ug/L	97
46) Tetrachloroethene	8.00	164	94793	40.683	ug/L	98
48) 2-Hexanone	8.16	43	296949	95.393	ug/L	99
49) Dibromochloromethane	8.27	129	135722	45.564	ug/L	97
50) 1,2-Dibromoethane	8.37	107	136490	48.969	ug/L	99
51) Chlorobenzene	8.90	112	355448	47.200	ug/L	100
52) Ethylbenzene	9.03	91	620372	48.148	ug/L	100
53) m,p-Xylene	9.16	106	228196	48.249	ug/L	99
54) o-xylene	9.56	106	222681	49.573	ug/L	100
55) Styrene	9.58	104	397123	49.948	ug/L	100
56) Isopropylbenzene	9.95	105	583072	46.912	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	169376	44.555	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	155819	43.156	ug/L	100
61) Bromoform	9.75	173	99561	54.626	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	257843	48.145	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	264169	47.419	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	259028	48.177	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	37231	50.200	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	167997	48.430	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	159882	49.015	ug/L	100
69) Naphthalene	13.52	128	502519	54.678	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	163797	50.586	ug/L	99

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

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