

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018214.D
 Acq On : 15 Sep 2020 11:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Sep 16 05:33:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 15:43:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100562	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.90%
7) Chloroethane-d5	1.58	69	89560	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.12	63	209574	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
21) 2-Butanone-d5	3.90	46	152312	106.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.27%
24) Chloroform-d	4.37	84	208423	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.05	65	132667	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
32) Benzene-d6	5.07	84	402024	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
36) 1,2-Dichloropropane-d6	6.09	67	129151	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.96%
41) Toluene-d8	7.33	98	372290	50.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.46%
43) trans-1,3-Dichloropropene-	7.64	79	65853	50.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.30%
47) 2-Hexanone-d5	8.10	63	116521	119.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.05%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	181300	55.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	159524	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	115256	55.010	ug/L 99
3) Chloromethane	1.25	50	126418	55.257	ug/L 100
5) Vinyl chloride	1.32	62	127101	54.176	ug/L 99
6) Bromomethane	1.53	94	77763	54.230	ug/L 99
8) Chloroethane	1.59	64	80088	54.495	ug/L 99
9) Trichlorofluoromethane	1.76	101	180953	56.059	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110757	57.123	ug/L 99
12) 1,1-Dichloroethene	2.13	96	104488	55.384	ug/L 96
13) Acetone	2.19	43	109895	95.753	ug/L 100
14) Carbon disulfide	2.31	76	311229	53.912	ug/L 99
15) Methyl Acetate	2.44	43	111495	54.057	ug/L 100
16) Methylene chloride	2.52	84	114826	54.270	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	105508	54.266	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	323193	53.736	ug/L 100
19) 1,1-Dichloroethane	3.21	63	201139	54.715	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	113854	54.779	ug/L 98
22) 2-Butanone	3.99	43	148675	109.397	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	59949	55.129	ug/L	99
25) Chloroform	4.40	83	202384	54.161	ug/L	99
27) 1,2-Dichloroethane	5.15	62	158736	54.873	ug/L	99
29) Cyclohexane	4.70	56	183853	56.047	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	181896	55.174	ug/L	99
31) Carbon tetrachloride	4.85	117	159339	54.965	ug/L	97
33) Benzene	5.12	78	448772	55.254	ug/L	100
34) Trichloroethene	5.94	95	113837	51.451	ug/L	99
35) Methylcyclohexane	6.15	83	190028	57.043	ug/L	99
37) 1,2-Dichloropropane	6.20	63	117119	54.417	ug/L	99
38) Bromodichloromethane	6.53	83	152225	54.351	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	177657	53.574	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	294390	112.749	ug/L	100
42) Toluene	7.41	91	484967	56.422	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	179268	55.522	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	109570	54.926	ug/L	98
46) Tetrachloroethene	8.00	164	96970	55.897	ug/L	99
48) 2-Hexanone	8.15	43	230728	112.086	ug/L	99
49) Dibromochloromethane	8.27	129	125033	55.839	ug/L	98
50) 1,2-Dibromoethane	8.37	107	117391	55.914	ug/L	98
51) Chlorobenzene	8.90	112	309508	55.447	ug/L	98
52) Ethylbenzene	9.03	91	529492	56.425	ug/L	99
53) m,p-Xylene	9.16	106	200819	57.334	ug/L	97
54) o-xylene	9.56	106	192638	57.088	ug/L	100
55) Styrene	9.58	104	346953	59.156	ug/L	98
56) Isopropylbenzene	9.95	105	525998	57.839	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	179021	60.667	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	141457	55.880	ug/L	100
61) Bromoform	9.75	173	93452	54.835	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	261449	55.424	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	268319	55.338	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	256145	53.721	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	39821	59.183	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	205967	55.384	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	188438	56.902	ug/L	99
69) Naphthalene	13.52	128	534710	63.812	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	192402	58.988	ug/L	99

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

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