

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016647.D
 Acq On : 08 Jun 2020 09:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 09 00:11:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328764	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313034	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118014	50.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.36%
7) Chloroethane-d5	1.57	69	60216	35.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.64%
11) 1,1-Dichloroethene-d2	2.12	63	204459	49.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.06%
21) 2-Butanone-d5	3.89	46	171859	115.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.42%
24) Chloroform-d	4.37	84	255860	58.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.10%
26) 1,2-Dichloroethane-d4	5.05	65	173141	59.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.34%
32) Benzene-d6	5.07	84	494989	59.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.06%
36) 1,2-Dichloropropane-d6	6.09	67	155179	59.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.78%
41) Toluene-d8	7.33	98	462907	60.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.58%#
43) trans-1,3-Dichloropropene-	7.64	79	78322	61.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.02%
47) 2-Hexanone-d5	8.11	63	128419	114.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196258	55.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	187690	63.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.20%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	116092	42.798	ug/L 99
3) Chloromethane	1.25	50	104880	40.129	ug/L 97
5) Vinyl chloride	1.32	62	102837	40.724	ug/L 100
6) Bromomethane	1.53	94	36898	28.087	ug/L 95
8) Chloroethane	1.59	64	47622	33.651	ug/L 98
9) Trichlorofluoromethane	1.76	101	155710	42.699	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	78224	41.242	ug/L 99
12) 1,1-Dichloroethene	2.13	96	70658	38.712	ug/L 79
13) Acetone	2.18	43	97038	69.732	ug/L 97
14) Carbon disulfide	2.31	76	258227	40.864	ug/L 100
15) Methyl Acetate	2.44	43	99456	38.885	ug/L 99
16) Methylene chloride	2.52	84	101146	39.308	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	97507	42.339	ug/L 95
18) Methyl tert-butyl Ether	2.78	73	309003	43.340	ug/L 99
19) 1,1-Dichloroethane	3.21	63	180882	42.469	ug/L 99
22) 2-Butanone	3.98	43	143931	83.350	ug/L 96
23) Bromochloromethane	4.27	128	55743	43.586	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.40	83	188154	42.147	ug/L	96
27) 1,2-Dichloroethane	5.15	62	150887	41.597	ug/L	99
29) Cyclohexane	4.70	56	167369	45.049	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	171304	44.903	ug/L	99
31) Carbon tetrachloride	4.85	117	150338	45.821	ug/L	98
33) Benzene	5.12	78	390027	42.365	ug/L	100
34) Trichloroethene	5.94	95	105199	43.548	ug/L	97
35) Methylcyclohexane	6.15	83	170186	49.081	ug/L	99
37) 1,2-Dichloropropane	6.19	63	104268	43.452	ug/L	99
38) Bromodichloromethane	6.53	83	137303	44.533	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	167343	47.829	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	269788	81.709	ug/L	99
42) Toluene	7.41	91	420360	43.090	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	159636	46.503	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	98329	42.378	ug/L	99
46) Tetrachloroethene	7.99	164	83512	44.837	ug/L	99
48) 2-Hexanone	8.16	43	220668	85.966	ug/L	99
49) Dibromochloromethane	8.27	129	107680	47.736	ug/L	98
50) 1,2-Dibromoethane	8.37	107	103337	42.102	ug/L	100
51) Chlorobenzene	8.90	112	275482	42.966	ug/L	99
52) Ethylbenzene	9.03	91	478693	45.085	ug/L	99
53) m,p-Xylene	9.16	106	178488	44.582	ug/L	99
54) o-xylene	9.56	106	173917	44.854	ug/L	100
55) Styrene	9.58	104	301169	44.338	ug/L	97
56) Isopropylbenzene	9.95	105	469962	46.663	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	145895	39.197	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	119763	39.996	ug/L	98
61) Bromoform	9.75	173	70881	53.906	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	217040	44.608	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	219018	43.384	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	219012	44.721	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	30181	40.609	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	157816	48.212	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	144980	47.841	ug/L	96
69) Naphthalene	13.53	128	401253	43.138	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	141075	48.972	ug/L	99

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

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