

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016097.D
 Acq On : 18 May 2020 13:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: May 19 04:47:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327518	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324913	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111488	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	99176	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.66%
11) 1,1-Dichloroethene-d2	2.13	63	208615	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
21) 2-Butanone-d5	3.93	46	160289	112.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.52%
24) Chloroform-d	4.38	84	210102	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.06	65	153867	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
32) Benzene-d6	5.08	84	430902	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.10	67	137288	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.34	98	411716	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%
43) trans-1,3-Dichloropropene-	7.64	79	71891	50.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.72%
47) 2-Hexanone-d5	8.11	63	105303	114.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178605	50.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	156733	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	113642	44.780	ug/L 99
3) Chloromethane	1.25	50	119700	45.367	ug/L 99
5) Vinyl chloride	1.32	62	115417	45.196	ug/L 99
6) Bromomethane	1.53	94	71741	46.326	ug/L 100
8) Chloroethane	1.60	64	75896	44.806	ug/L 98
9) Trichlorofluoromethane	1.77	101	164103	47.559	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	94739	45.195	ug/L 99
12) 1,1-Dichloroethene	2.14	96	85993	44.698	ug/L 96
13) Acetone	2.21	43	123475	89.022	ug/L 99
14) Carbon disulfide	2.32	76	259180	46.825	ug/L 100
15) Methyl Acetate	2.46	43	117451	50.698	ug/L 98
16) Methylene chloride	2.53	84	114603	46.394	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	99295	46.678	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	358702	49.263	ug/L 99
19) 1,1-Dichloroethane	3.22	63	203112	46.741	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	112792	47.787	ug/L 99
22) 2-Butanone	4.02	43	160760	102.993	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	58331	47.327	ug/L	97
25) Chloroform	4.41	83	226809	49.704	ug/L	98
27) 1,2-Dichloroethane	5.16	62	177539	48.645	ug/L	99
29) Cyclohexane	4.71	56	174957	46.863	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	182380	44.766	ug/L	98
31) Carbon tetrachloride	4.86	117	153407	44.588	ug/L	98
33) Benzene	5.13	78	432981	46.776	ug/L	100
34) Trichloroethene	5.94	95	110040	46.127	ug/L	99
35) Methylcyclohexane	6.16	83	175077	47.041	ug/L	98
37) 1,2-Dichloropropane	6.20	63	117572	47.107	ug/L	100
38) Bromodichloromethane	6.53	83	157486	47.068	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	188786	50.122	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	328039	104.659	ug/L	100
42) Toluene	7.41	91	473615	47.697	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	187462	49.663	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	109507	47.645	ug/L	96
46) Tetrachloroethene	8.00	164	82225	44.909	ug/L	99
48) 2-Hexanone	8.16	43	249930	105.080	ug/L	99
49) Dibromochloromethane	8.27	129	120037	49.297	ug/L	97
50) 1,2-Dibromoethane	8.37	107	115991	48.723	ug/L	100
51) Chlorobenzene	8.90	112	307699	47.461	ug/L	99
52) Ethylbenzene	9.04	91	539689	48.037	ug/L	99
53) m,p-Xylene	9.16	106	201845	48.227	ug/L	99
54) o-xylene	9.57	106	197471	48.388	ug/L	99
55) Styrene	9.58	104	351593	50.231	ug/L	97
56) Isopropylbenzene	9.95	105	530938	48.902	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	173605	48.328	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	144460	48.661	ug/L	100
61) Bromoform	9.75	173	80199	50.497	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	244553	47.305	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	247469	46.812	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	246084	47.154	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	40341	50.021	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	168196	47.119	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	158818	49.542	ug/L	99
69) Naphthalene	13.52	128	506396	54.368	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	162421	50.002	ug/L	100

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

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