

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030620\
 Data File : VV014765.D
 Acq On : 06 Mar 2020 18:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

Quant Time: Mar 07 00:36:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:28:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	480706	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	479493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	255381	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	163322	50.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.42%
7) Chloroethane-d5	1.58	69	123851	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.12	63	265484	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.22%
21) 2-Butanone-d5	3.94	46	257783	106.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.25%
24) Chloroform-d	4.38	84	300909	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
26) 1,2-Dichloroethane-d4	5.06	65	205467	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.08	84	640268	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
36) 1,2-Dichloropropane-d6	6.10	67	208450	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	7.34	98	622201	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%
43) trans-1,3-Dichloropropene-	7.64	79	103888	50.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.42%
47) 2-Hexanone-d5	8.11	63	193471	103.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	284762	49.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	249855	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	230268	48.468	ug/L 99
3) Chloromethane	1.25	50	203674	48.674	ug/L 99
5) Vinyl chloride	1.32	62	191032	49.264	ug/L 98
6) Bromomethane	1.53	94	120076	49.894	ug/L 98
8) Chloroethane	1.60	64	104508	50.138	ug/L 97
9) Trichlorofluoromethane	1.77	101	250353	48.284	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	129209	48.407	ug/L 98
12) 1,1-Dichloroethene	2.13	96	126653	48.501	ug/L 97
13) Acetone	2.22	43	168775	83.317	ug/L 99
14) Carbon disulfide	2.31	76	423107	49.007	ug/L 98
15) Methyl Acetate	2.46	43	192257	50.518	ug/L 100
16) Methylene chloride	2.53	84	173803	49.006	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	159539	49.454	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	526749	49.874	ug/L 99
19) 1,1-Dichloroethane	3.22	63	309460	49.113	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	178600	49.500	ug/L 100
22) 2-Butanone	4.02	43	281324	105.277	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	90460	49.247	ug/L	98
25) Chloroform	4.41	83	325318	49.837	ug/L	100
27) 1,2-Dichloroethane	5.16	62	248092	49.038	ug/L	99
29) Cyclohexane	4.71	56	290767	49.769	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	270580	48.672	ug/L	99
31) Carbon tetrachloride	4.86	117	232635	49.274	ug/L	100
33) Benzene	5.13	78	687934	49.523	ug/L	100
34) Trichloroethene	5.94	95	176479	48.614	ug/L	98
35) Methylcyclohexane	6.16	83	296589	49.493	ug/L	100
37) 1,2-Dichloropropane	6.20	63	186245	49.615	ug/L	99
38) Bromodichloromethane	6.53	83	236727	49.576	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	293497	49.883	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	547313	100.613	ug/L	99
42) Toluene	7.41	91	763961	49.851	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	266644	49.713	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	167692	48.506	ug/L	99
46) Tetrachloroethene	8.00	164	143916	48.454	ug/L	98
48) 2-Hexanone	8.16	43	430555	100.636	ug/L	99
49) Dibromochloromethane	8.27	129	185423	49.209	ug/L	100
50) 1,2-Dibromoethane	8.37	107	184552	49.385	ug/L	99
51) Chlorobenzene	8.90	112	484325	49.118	ug/L	99
52) Ethylbenzene	9.03	91	859213	49.766	ug/L	100
53) m,p-Xylene	9.16	106	323245	49.889	ug/L	99
54) o-xylene	9.57	106	316907	49.792	ug/L	99
55) Styrene	9.58	104	550341	50.567	ug/L	99
56) Isopropylbenzene	9.95	105	838289	49.177	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	291945	49.028	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	235542	49.134	ug/L	99
61) Bromoform	9.75	173	135237	48.812	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	403168	48.819	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	406071	48.805	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	399338	48.570	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	69937	50.119	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	313118	49.024	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	289265	49.275	ug/L	99
69) Naphthalene	13.52	128	450203	50.942	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	295577	50.514	ug/L	99

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

