

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018166.D
 Acq On : 09 Sep 2020 12:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Sep 10 03:38:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 03:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127634	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.22%
7) Chloroethane-d5	1.58	69	104264	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.06%
11) 1,1-Dichloroethene-d2	2.13	63	237650	49.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.70%
21) 2-Butanone-d5	3.91	46	159973	100.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	4.37	84	222518	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.05	65	141319	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.07	84	446041	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.09	67	139352	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.33	98	411158	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.64	79	72420	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.11	63	115534	107.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.31%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	180053	50.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	172658	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	121987	52.456	ug/L 100
3) Chloromethane	1.25	50	129620	51.045	ug/L 100
5) Vinyl chloride	1.32	62	133375	51.220	ug/L 100
6) Bromomethane	1.53	94	81711	51.339	ug/L 98
8) Chloroethane	1.60	64	82709	50.704	ug/L 99
9) Trichlorofluoromethane	1.77	101	185871	51.879	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	114910	53.395	ug/L 100
12) 1,1-Dichloroethene	2.13	96	109286	52.190	ug/L 92
13) Acetone	2.19	43	168214	132.050	ug/L 98
14) Carbon disulfide	2.31	76	332723	51.927	ug/L 99
15) Methyl Acetate	2.45	43	115449	50.430	ug/L 99
16) Methylene chloride	2.52	84	117441	50.008	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	111386	51.615	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	344564	51.615	ug/L 99
19) 1,1-Dichloroethane	3.21	63	207403	50.831	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	119283	51.707	ug/L 99
22) 2-Butanone	3.99	43	184841	122.538	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	62092	51.444	ug/L	96
25) Chloroform	4.40	83	208081	50.170	ug/L	98
27) 1,2-Dichloroethane	5.15	62	165461	51.532	ug/L	99
29) Cyclohexane	4.70	56	196430	54.436	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	186619	51.459	ug/L	99
31) Carbon tetrachloride	4.85	117	163837	51.378	ug/L	99
33) Benzene	5.12	78	460653	51.559	ug/L	100
34) Trichloroethene	5.94	95	122927	50.507	ug/L	99
35) Methylcyclohexane	6.15	83	200722	54.774	ug/L	100
37) 1,2-Dichloropropane	6.20	63	122125	51.583	ug/L	99
38) Bromodichloromethane	6.53	83	158396	51.411	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	189518	51.954	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	306563	106.735	ug/L	99
42) Toluene	7.41	91	496087	52.468	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	187544	52.804	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	112593	51.309	ug/L	97
46) Tetrachloroethene	8.00	164	101375	53.123	ug/L	99
48) 2-Hexanone	8.16	43	259673	114.677	ug/L	99
49) Dibromochloromethane	8.27	129	125752	51.053	ug/L	99
50) 1,2-Dibromoethane	8.37	107	120374	52.121	ug/L	100
51) Chlorobenzene	8.90	112	318695	51.901	ug/L	99
52) Ethylbenzene	9.03	91	551870	53.462	ug/L	100
53) m,p-Xylene	9.16	106	212207	55.076	ug/L	97
54) o-xylene	9.56	106	200422	53.994	ug/L	100
55) Styrene	9.58	104	354052	54.877	ug/L	99
56) Isopropylbenzene	9.95	105	549195	54.898	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	170184	52.428	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	143277	51.453	ug/L	100
61) Bromoform	9.75	173	94047	50.628	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	268708	52.259	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	276112	52.244	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	263939	50.785	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	37260	50.804	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	220474	54.390	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	201321	55.772	ug/L	98
69) Naphthalene	13.52	128	513064	56.173	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	194895	54.818	ug/L	100

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

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