

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018896.D
 Acq On : 14 Oct 2020 15:32
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV06

Quant Time: Oct 15 02:08:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362244	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144994	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.26%
7) Chloroethane-d5	1.58	69	113759	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.30%
11) 1,1-Dichloroethene-d2	2.12	63	275313	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
21) 2-Butanone-d5	3.92	46	204581	98.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.43%
24) Chloroform-d	4.37	84	260388	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	173242	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.07	84	511256	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
36) 1,2-Dichloropropane-d6	6.09	67	164912	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.33	98	477200	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%
43) trans-1,3-Dichloropropene-	7.64	79	81919	51.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.10%
47) 2-Hexanone-d5	8.11	63	127033	104.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	195049	50.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	187622	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	157264	50.137	ug/L 100
3) Chloromethane	1.25	50	168911	47.748	ug/L 97
5) Vinyl chloride	1.32	62	166016	48.556	ug/L 98
6) Bromomethane	1.53	94	100485	48.170	ug/L 99
8) Chloroethane	1.60	64	100723	49.118	ug/L 100
9) Trichlorofluoromethane	1.77	101	223738	49.578	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	116598	49.617	ug/L 98
12) 1,1-Dichloroethene	2.13	96	117376	49.288	ug/L 99
13) Acetone	2.21	43	140704	92.644	ug/L 98
14) Carbon disulfide	2.31	76	400730	49.391	ug/L 99
15) Methyl Acetate	2.45	43	153375	49.160	ug/L 100
16) Methylene chloride	2.52	84	134991	47.250	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	128995	48.796	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	413587	49.517	ug/L 100
19) 1,1-Dichloroethane	3.21	63	250654	48.738	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	135955	48.524	ug/L 98
22) 2-Butanone	4.01	43	207777	100.618	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	71651	49.517	uq/L	98
25) Chloroform	4.40	83	249623	48.268	uq/L	98
27) 1,2-Dichloroethane	5.15	62	203667	48.209	uq/L	99
29) Cyclohexane	4.70	56	224752	53.769	uq/L	99
30) 1,1,1-Trichloroethane	4.63	97	220848	50.603	uq/L	99
31) Carbon tetrachloride	4.86	117	188828	50.835	uq/L	99
33) Benzene	5.13	78	550281	51.037	uq/L	100
34) Trichloroethene	5.94	95	150870	48.523	uq/L	98
35) Methylcyclohexane	6.15	83	194449	51.638	uq/L	99
37) 1,2-Dichloropropane	6.20	63	144525	50.072	uq/L	99
38) Bromodichloromethane	6.53	83	184380	49.825	uq/L	99
39) cis-1,3-Dichloropropene	7.05	75	223612	51.559	uq/L	99
40) 4-Methyl-2-pentanone	7.25	43	403064	101.262	uq/L	99
42) Toluene	7.41	91	580491	52.128	uq/L	99
44) trans-1,3-Dichloropropene	7.67	75	216974	51.626	uq/L	100
45) 1,1,2-Trichloroethane	7.86	97	130082	48.451	uq/L	98
46) Tetrachloroethene	8.00	164	109248	49.856	uq/L	99
48) 2-Hexanone	8.16	43	325261	103.062	uq/L	99
49) Dibromochloromethane	8.27	129	143914	50.631	uq/L	99
50) 1,2-Dibromoethane	8.37	107	139824	49.973	uq/L	99
51) Chlorobenzene	8.90	112	360377	49.638	uq/L	100
52) Ethylbenzene	9.03	91	629622	52.229	uq/L	99
53) m,p-Xylene	9.16	106	235722	52.486	uq/L	99
54) o-xylene	9.56	106	227946	53.051	uq/L	99
55) Styrene	9.58	104	403898	53.443	uq/L	98
56) Isopropylbenzene	9.95	105	602820	53.442	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	183775	50.411	uq/L	99
59) 1,2,3-Trichloropropane	10.29	75	172054	49.246	uq/L	99
61) Bromoform	9.75	173	102319	50.103	uq/L	98
62) 1,3-Dichlorobenzene	11.20	146	291603	50.316	uq/L	98
63) 1,4-Dichlorobenzene	11.29	146	302542	49.653	uq/L	99
65) 1,2-Dichlorobenzene	11.66	146	292942	50.100	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	41598	47.739	uq/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	197537	50.740	uq/L	100
68) 1,2,4-trichlorobenzene	13.28	180	186885	52.096	uq/L	99
69) Naphthalene	13.52	128	550041	54.029	uq/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	188402	52.541	uq/L	100

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

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