

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\
 Data File : VV014569.D
 Acq On : 12 Feb 2020 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Feb 13 05:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 13 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	303171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	282776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60032	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.12%
7) Chloroethane-d5	1.58	69	42663	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	100910	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.88%
21) 2-Butanone-d5	3.92	46	104419	108.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.15%
24) Chloroform-d	4.40	84	181170	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
26) 1,2-Dichloroethane-d4	5.07	65	108878	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
32) Benzene-d6	5.09	84	358435	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.11	67	105997	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.08%
41) Toluene-d8	7.35	98	344820	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%
43) trans-1,3-Dichloropropene-	7.66	79	60168	53.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.14%
47) 2-Hexanone-d5	8.12	63	84340	103.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.62%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	145906	52.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	132426	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	111351	51.756	ug/L 98
3) Chloromethane	1.26	50	92860	48.590	ug/L 96
5) Vinyl chloride	1.33	62	69525	51.188	ug/L 99
6) Bromomethane	1.53	94	35328	53.455	ug/L 100
8) Chloroethane	1.60	64	34121	50.019	ug/L 100
9) Trichlorofluoromethane	1.77	101	119319	50.853	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	51988	51.975	ug/L 99
12) 1,1-Dichloroethene	2.14	96	46254	49.746	ug/L 89
13) Acetone	2.18	43	82375	99.450	ug/L 98
14) Carbon disulfide	2.32	76	231728	50.913	ug/L 100
15) Methyl Acetate	2.45	43	79309	49.957	ug/L 98
16) Methylene chloride	2.53	84	98142	50.498	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	94174	51.345	ug/L 97
18) Methyl tert-butyl Ether	2.80	73	300668	51.120	ug/L 100
19) 1,1-Dichloroethane	3.23	63	163805	50.933	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	107846	50.859	ug/L 97
22) 2-Butanone	4.00	43	125916	101.388	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	52944	51.548	ug/L	99
25) Chloroform	4.42	83	176265	49.535	ug/L	96
27) 1,2-Dichloroethane	5.17	62	134424	51.238	ug/L	99
29) Cyclohexane	4.72	56	145920	51.547	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	157998	51.361	ug/L	100
31) Carbon tetrachloride	4.87	117	142655	51.357	ug/L	97
33) Benzene	5.14	78	379429	51.106	ug/L	100
34) Trichloroethene	5.96	95	103545	51.683	ug/L	98
35) Methylcyclohexane	6.17	83	165888	52.884	ug/L	99
37) 1,2-Dichloropropane	6.22	63	94613	51.609	ug/L	99
38) Bromodichloromethane	6.55	83	138404	51.486	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	165048	50.998	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	230815	101.927	ug/L	99
42) Toluene	7.43	91	418121	51.645	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	150706	51.562	ug/L	98
45) 1,1,2-Trichloroethane	7.87	97	97502	51.488	ug/L	98
46) Tetrachloroethene	8.01	164	83200	52.811	ug/L	98
48) 2-Hexanone	8.17	43	182968	103.634	ug/L	97
49) Dibromochloromethane	8.28	129	113612	50.339	ug/L	100
50) 1,2-Dibromoethane	8.39	107	104461	50.981	ug/L	98
51) Chlorobenzene	8.92	112	279312	51.603	ug/L	99
52) Ethylbenzene	9.05	91	476544	51.890	ug/L	99
53) m,p-Xylene	9.18	106	184659	51.503	ug/L	99
54) o-xylene	9.58	106	178333	52.037	ug/L	97
55) Styrene	9.60	104	308749	52.431	ug/L	98
56) Isopropylbenzene	9.97	105	474560	52.060	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	152497	50.973	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	118133	50.073	ug/L	99
61) Bromoform	9.77	173	79150	50.510	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	224445	51.259	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	226591	50.771	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	217032	50.459	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	33969	48.481	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	164150	52.130	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	150402	51.578	ug/L	100
69) Naphthalene	13.54	128	468386	50.656	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	143249	50.958	ug/L	99

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

