

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021720\
 Data File : VV014592.D
 Acq On : 17 Feb 2020 13:40
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV201

Quant Time: Feb 18 06:44:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 18 06:41:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	296024	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	279404	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	143573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50823	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.12%
7) Chloroethane-d5	1.58	69	37620	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.72%
11) 1,1-Dichloroethene-d2	2.13	63	92075	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.16%
21) 2-Butanone-d5	3.92	46	99895	104.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	4.40	84	168375	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
26) 1,2-Dichloroethane-d4	5.08	65	105371	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.09	84	332833	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.11	67	98753	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.20%
41) Toluene-d8	7.35	98	320043	52.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.18%
43) trans-1,3-Dichloropropene-	7.66	79	57793	53.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.48%
47) 2-Hexanone-d5	8.12	63	81921	107.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.33%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	140841	52.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.50%
66) 1,2-Dichlorobenzene-d4	11.67	152	127936	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	105177	51.126	ug/L 99
3) Chloromethane	1.26	50	88412	52.967	ug/L 97
5) Vinyl chloride	1.33	62	61964	47.532	ug/L 96
6) Bromomethane	1.53	94	31010	43.770	ug/L 94
8) Chloroethane	1.60	64	32913	50.016	ug/L 98
9) Trichlorofluoromethane	1.77	101	117477	49.352	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	49388	49.952	ug/L 100
12) 1,1-Dichloroethene	2.14	96	45309	48.612	ug/L 98
13) Acetone	2.18	43	78157	95.453	ug/L 96
14) Carbon disulfide	2.32	76	214424	50.156	ug/L 100
15) Methyl Acetate	2.45	43	77580	49.921	ug/L 97
16) Methylene chloride	2.53	84	93675	49.195	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	89614	51.123	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	292345	50.235	ug/L 99
19) 1,1-Dichloroethane	3.23	63	156998	50.267	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	102205	49.582	ug/L 99
22) 2-Butanone	4.00	43	122535	98.285	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	51869	51.041	ug/L	97
25) Chloroform	4.42	83	174191	49.229	ug/L	98
27) 1,2-Dichloroethane	5.17	62	130932	49.475	ug/L	98
29) Cyclohexane	4.72	56	135652	50.582	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	155919	49.951	ug/L	99
31) Carbon tetrachloride	4.87	117	141220	50.743	ug/L	99
33) Benzene	5.14	78	364763	50.537	ug/L	100
34) Trichloroethene	5.96	95	100214	50.912	ug/L	99
35) Methylcyclohexane	6.17	83	156032	50.959	ug/L	99
37) 1,2-Dichloropropane	6.22	63	89590	51.177	ug/L	99
38) Bromodichloromethane	6.55	83	133329	48.899	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	155553	50.095	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	218462	99.787	ug/L	100
42) Toluene	7.43	91	405043	50.937	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	144787	50.050	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	94835	50.343	ug/L	99
46) Tetrachloroethene	8.01	164	80287	50.998	ug/L	98
48) 2-Hexanone	8.18	43	170166	99.562	ug/L	98
49) Dibromochloromethane	8.28	129	114319	50.091	ug/L	99
50) 1,2-Dibromoethane	8.39	107	103536	50.019	ug/L	98
51) Chlorobenzene	8.92	112	268184	49.872	ug/L	99
52) Ethylbenzene	9.05	91	462803	50.629	ug/L	99
53) m,p-Xylene	9.18	106	179305	50.704	ug/L	98
54) o-Xylene	9.58	106	173264	50.882	ug/L	97
55) Styrene	9.60	104	297955	51.380	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.28	83	149079	49.720	ug/L	100
59) Bromoform	9.77	173	80264	49.529	ug/L	100
60) Isopropylbenzene	9.97	105	457731	50.239	ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	117077	48.935	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	396408	50.920	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	390544	51.356	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	219105	50.170	ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	220987	49.389	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	212373	49.411	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	33664	46.816	ug/L	96
69) 1,3,5-Trichlorobenzene	12.68	180	159655	50.596	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	147323	51.656	ug/L	99
71) Naphthalene	13.54	128	462248	52.932	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	142359	51.132	ug/L	100

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

