

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015332.D
 Acq On : 01 Apr 2020 13:33
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Apr 02 03:15:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 02:22:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	767165	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	756231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	374498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	292970	42.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.18%
7) Chloroethane-d5	1.58	69	246894	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.04%
11) 1,1-Dichloroethene-d2	2.12	63	536318	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.24%
21) 2-Butanone-d5	3.93	46	306032	83.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.70%
24) Chloroform-d	4.37	84	476479	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.92%
26) 1,2-Dichloroethane-d4	5.05	65	289142	40.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.74%
32) Benzene-d6	5.07	84	953168	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.86%
36) 1,2-Dichloropropane-d6	6.09	67	280960	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.84%
41) Toluene-d8	7.33	98	940881	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	7.64	79	155903	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
47) 2-Hexanone-d5	8.11	63	238654	76.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	395565	40.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	355626	41.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	325045	46.852	ug/L	99
3) Chloromethane	1.25	50	295532	45.201	ug/L	100
5) Vinyl chloride	1.32	62	301996	44.097	ug/L	98
6) Bromomethane	1.53	94	201488	44.507	ug/L	99
8) Chloroethane	1.60	64	193288	41.084	ug/L	98
9) Trichlorofluoromethane	1.76	101	547224	42.263	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	271386	46.903	ug/L	99
12) 1,1-Dichloroethene	2.13	96	250614	45.641	ug/L	96
13) Acetone	2.21	43	199639	83.188	ug/L	99
14) Carbon disulfide	2.31	76	690873	45.494	ug/L	99
15) Methyl Acetate	2.46	43	227379	43.262	ug/L	100
16) Methylene chloride	2.52	84	263985	45.461	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	238993	45.596	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	770615	44.597	ug/L	99
19) 1,1-Dichloroethane	3.21	63	421722	44.221	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	269733	44.973	ug/L #	97
22) 2-Butanone	4.01	43	306518	86.333	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	135678	44.791	ug/L	96
25) Chloroform	4.40	83	458140	44.300	ug/L	100
27) 1,2-Dichloroethane	5.15	62	344860	44.275	ug/L	99
29) Cyclohexane	4.70	56	406641	45.196	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	422207	43.447	ug/L	99
31) Carbon tetrachloride	4.85	117	372670	44.855	ug/L	99
33) Benzene	5.12	78	990321	44.244	ug/L	100
34) Trichloroethene	5.94	95	265322	44.767	ug/L	99
35) Methylcyclohexane	6.15	83	443078	45.632	ug/L	99
37) 1,2-Dichloropropane	6.20	63	243385	44.304	ug/L	99
38) Bromodichloromethane	6.53	83	356726	44.293	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	413379	44.777	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	669341	86.671	ug/L	100
42) Toluene	7.41	91	1129725	45.415	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	400906	44.690	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	253101	43.691	ug/L	99
46) Tetrachloroethene	7.99	164	205469	48.358	ug/L	97
48) 2-Hexanone	8.16	43	496726	84.939	ug/L	99
49) Dibromochloromethane	8.27	129	286663	45.185	ug/L	99
50) 1,2-Dibromoethane	8.37	107	275672	44.579	ug/L	99
51) Chlorobenzene	8.90	112	744840	45.686	ug/L	98
52) Ethylbenzene	9.03	91	1284572	46.008	ug/L	99
53) m,p-Xylene	9.16	106	500038	46.509	ug/L	99
54) o-xylene	9.56	106	494637	45.930	ug/L	100
55) Styrene	9.58	104	826341	46.143	ug/L	99
56) Isopropylbenzene	9.95	105	1293555	46.370	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	398022	42.796	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	317921	42.860	ug/L	98
61) Bromoform	9.75	173	189204	45.230	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	580529	46.046	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	583585	45.640	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	578518	44.989	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	103769	40.867	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	390417	46.726	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	363404	47.615	ug/L	100
69) Naphthalene	13.53	128	1302836	44.651	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	364921	46.417	ug/L	99

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

