

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082218\
 Data File : VV007127.D
 Acq On : 22 Aug 2018 17:45
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV80

Quant Time: Aug 23 08:17:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 08:00:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	586777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	551890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	261835	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184345	49.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.98%
7) Chloroethane-d5	1.56	69	95447	40.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.50%
11) 1,1-Dichloroethene-d2	2.12	63	340624	49.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.78%
21) 2-Butanone-d5	3.96	46	317272	101.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.09%
24) Chloroform-d	4.40	84	403259	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
26) 1,2-Dichloroethane-d4	5.09	65	244634	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.10	84	818124	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
36) 1,2-Dichloropropane-d6	6.12	67	263759	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.96%
41) Toluene-d8	7.36	98	727781	53.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.86%
43) trans-1,3-Dichloropropene-	7.67	79	111070	51.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.26%
47) 2-Hexanone-d5	8.14	63	197009	109.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	377208	51.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	280443	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	251931	46.99	ug/L	99
3) Chloromethane	1.25	50	298484	43.97	ug/L	98
5) Vinyl chloride	1.32	62	265899	47.72	ug/L	99
6) Bromomethane	1.52	94	66304	50.03	ug/L	99
8) Chloroethane	1.58	64	136397	45.02	ug/L	100
9) Trichlorofluoromethane	1.76	101	329811	49.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	198418	48.52	ug/L	100
12) 1,1-Dichloroethene	2.13	96	190981	48.89	ug/L	97
13) Acetone	2.20	43	219879	89.31	ug/L	100
14) Carbon disulfide	2.31	76	572384	48.04	ug/L	100
15) Methyl Acetate	2.47	43	213639	47.76	ug/L	99
16) Methylene chloride	2.54	84	214683	47.82	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	204256	48.22	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	629060	48.39	ug/L	100
19) 1,1-Dichloroethane	3.23	63	429584	49.28	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	239330	48.62	ug/L	100
22) 2-Butanone	4.04	43	372065	95.66	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	123404	48.75	ug/L	95
25) Chloroform	4.43	83	420807	49.23	ug/L	100
27) 1,2-Dichloroethane	5.19	62	313878	48.40	ug/L	100
29) Cyclohexane	4.72	56	353188	50.90	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	350427	50.11	ug/L	99
31) Carbon tetrachloride	4.88	117	295582	50.19	ug/L	100
33) Benzene	5.15	78	968556	51.23	ug/L	100
34) Trichloroethene	5.96	95	220507	49.21	ug/L	99
35) Methylcyclohexane	6.18	83	368882	51.74	ug/L	98
37) 1,2-Dichloropropane	6.23	63	259363	51.71	ug/L	99
38) Bromodichloromethane	6.56	83	301126	49.87	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	346442	51.12	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	615551	100.52	ug/L	100
42) Toluene	7.44	91	951474	52.20	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	318371	50.41	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	232308	49.32	ug/L	99
46) Tetrachloroethene	8.02	164	181959	49.81	ug/L	98
48) 2-Hexanone	8.20	43	515005	103.82	ug/L	99
49) Dibromochloromethane	8.30	129	234119	49.66	ug/L	99
50) 1,2-Dibromoethane	8.40	107	227289	48.92	ug/L	99
51) Chlorobenzene	8.93	112	592309	49.06	ug/L	100
52) Ethylbenzene	9.06	91	938224	50.79	ug/L	99
53) m,p-Xylene	9.19	106	365232	51.74	ug/L	98
54) o-xylene	9.59	106	352400	51.32	ug/L	100
55) Styrene	9.61	104	633664	53.44	ug/L	99
56) Isopropylbenzene	9.98	105	896932	51.80	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	403950	49.43	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	319757	49.06	ug/L	98
61) Bromoform	9.78	173	170458	47.97	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	417829	49.14	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	441501	49.04	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	480330	51.40	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	66406	50.07	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	302295	52.23	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	215170	54.78	ug/L	99
69) Naphthalene	13.56	128	555669	51.90	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	244482	56.89	ug/L	100

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

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