

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102318\
 Data File : VV008386.D
 Acq On : 23 Oct 2018 20:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV56

Quant Time: Oct 24 02:44:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 02:41:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	193999	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82702	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50100	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.28%
7) Chloroethane-d5	1.57	69	37429	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.52%
11) 1,1-Dichloroethene-d2	2.13	63	93328	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.22%
21) 2-Butanone-d5	3.94	46	114850	98.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.38%
24) Chloroform-d	4.41	84	129712	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	5.09	65	84937	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.11	84	249931	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
36) 1,2-Dichloropropane-d6	6.12	67	85199	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.88%
41) Toluene-d8	7.36	98	228489	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%
43) trans-1,3-Dichloropropene-	7.67	79	42859	49.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.28%
47) 2-Hexanone-d5	8.14	63	91838	98.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.97%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	118159	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.68	152	83959	49.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.26%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	70172	50.655	ug/L 99
3) Chloromethane	1.25	50	73215	49.338	ug/L 100
5) Vinyl chloride	1.33	62	67895	49.378	ug/L 97
6) Bromomethane	1.52	94	19471	51.609	ug/L 96
8) Chloroethane	1.59	64	36659	50.749	ug/L 98
9) Trichlorofluoromethane	1.77	101	88139	49.807	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	46368	50.155	ug/L 99
12) 1,1-Dichloroethene	2.14	96	42608	48.950	ug/L 98
13) Acetone	2.19	43	74440	82.165	ug/L 100
14) Carbon disulfide	2.32	76	196787	50.195	ug/L 100
15) Methyl Acetate	2.46	43	87798	48.596	ug/L 100
16) Methylene chloride	2.54	84	72179	47.878	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	66026	49.762	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	235107	49.506	ug/L 100
19) 1,1-Dichloroethane	3.24	63	133372	48.738	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	75221	49.761	ug/L 98
22) 2-Butanone	4.02	43	124671	95.251	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	35202	49.378	ug/L	99
25) Chloroform	4.43	83	131991	49.408	ug/L	100
27) 1,2-Dichloroethane	5.18	62	109266	48.969	ug/L	100
29) Cyclohexane	4.73	56	128557	49.145	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	114606	49.189	ug/L	99
31) Carbon tetrachloride	4.88	117	96493	48.803	ug/L	98
33) Benzene	5.15	78	288233	49.078	ug/L	100
34) Trichloroethene	5.96	95	73741	49.044	ug/L	99
35) Methylcyclohexane	6.18	83	126947	49.661	ug/L	99
37) 1,2-Dichloropropane	6.23	63	79682	49.127	ug/L	100
38) Bromodichloromethane	6.56	83	102267	49.480	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	127329	49.934	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	235823	98.184	ug/L	99
42) Toluene	7.43	91	303181	49.699	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	118913	49.846	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	70384	49.079	ug/L	99
46) Tetrachloroethene	8.02	164	49857	50.864	ug/L	99
48) 2-Hexanone	8.19	43	189548	102.274	ug/L	96
49) Dibromochloromethane	8.30	129	77499	50.287	ug/L	97
50) 1,2-Dibromoethane	8.40	107	74071	49.236	ug/L	98
51) Chlorobenzene	8.93	112	188861	50.280	ug/L	99
52) Ethylbenzene	9.06	91	342458	50.116	ug/L	100
53) m,p-Xylene	9.18	106	125940	50.447	ug/L	98
54) o-xylene	9.59	106	123536	49.555	ug/L	98
55) Styrene	9.61	104	213187	50.754	ug/L	100
56) Isopropylbenzene	9.98	105	329974	50.589	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	123046	48.990	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	100169	49.279	ug/L	100
61) Bromoform	9.78	173	51712	49.555	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	138669	50.715	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	138867	50.673	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	140934	50.545	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	28671	50.017	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	92000	51.528	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	75330	52.150	ug/L	100
69) Naphthalene	13.56	128	239266	51.223	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	74552	51.642	ug/L	99

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

