

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035515.D
 Acq On : 26 Oct 2019 13:38
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV34

Quant Time: Oct 30 01:24:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 01:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	651349	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	625871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	274062	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	255865	49.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.60%
7) Chloroethane-d5	1.93	69	210198	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.54%
11) 1,1-Dichloroethene-d2	2.60	63	434422	50.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.24%
21) 2-Butanone-d5	4.69	46	339052	100.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	5.11	84	420527	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
26) 1,2-Dichloroethane-d4	5.75	65	263103	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
32) Benzene-d6	5.77	84	856939	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
36) 1,2-Dichloropropane-d6	6.74	67	281031	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.02%
41) Toluene-d8	7.93	98	796917	52.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.26%
43) trans-1,3-Dichloropropene-	8.21	79	134933	52.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.64%
47) 2-Hexanone-d5	8.68	63	219534	108.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.91%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	379854	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	12.22	152	268933	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	282081	50.369 ug/L	99
3) Chloromethane	1.54	50	314473	52.616 ug/L	99
5) Vinyl chloride	1.62	62	336347	51.849 ug/L	99
6) Bromomethane	1.87	94	161555	54.655 ug/L	99
8) Chloroethane	1.95	64	193985	50.645 ug/L	99
9) Trichlorofluoromethane	2.16	101	376367	50.590 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	219676	50.328 ug/L	99
12) 1,1-Dichloroethene	2.61	96	214260	51.958 ug/L	96
13) Acetone	2.67	43	321274	94.611 ug/L	99
14) Carbon disulfide	2.83	76	693471	51.765 ug/L	99
15) Methyl Acetate	2.99	43	282041	50.538 ug/L	100
16) Methylene chloride	3.09	84	257032	50.111 ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	226876	51.472 ug/L	96
18) Methyl tert-butyl Ether	3.42	73	730459	53.185 ug/L	99
19) 1,1-Dichloroethane	3.92	63	455638	50.445 ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	253960	51.246 ug/L	98
22) 2-Butanone	4.77	43	434601	102.278 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	126729	50.179	ug/L	98
25) Chloroform	5.14	83	446299	50.092	ug/L	98
27) 1,2-Dichloroethane	5.84	62	347220	50.612	ug/L	99
29) Cyclohexane	5.43	56	394037	55.575	ug/L	99
30) 1,1,1-Trichloroethane	5.37	97	365479	52.475	ug/L	99
31) Carbon tetrachloride	5.57	117	322385	52.681	ug/L	99
33) Benzene	5.82	78	993977	52.657	ug/L	100
34) Trichloroethene	6.58	95	240094	51.801	ug/L	99
35) Methylcyclohexane	6.80	83	360927	55.977	ug/L	98
37) 1,2-Dichloropropane	6.83	63	267743	51.891	ug/L	99
38) Bromodichloromethane	7.15	83	331377	51.629	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	425494	55.731	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	757199	107.607	ug/L	99
42) Toluene	8.01	91	1051623	54.018	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	374978	53.830	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	243914	51.689	ug/L	99
46) Tetrachloroethene	8.58	164	187700	51.795	ug/L	99
48) 2-Hexanone	8.73	43	627260	108.857	ug/L	100
49) Dibromochloromethane	8.84	129	268457	52.675	ug/L	100
50) 1,2-Dibromoethane	8.96	107	259350	52.241	ug/L	100
51) Chlorobenzene	9.48	112	661453	52.301	ug/L	97
52) Ethylbenzene	9.60	91	1137092	54.823	ug/L	99
53) m,p-Xylene	9.72	106	426251	55.444	ug/L	99
54) o-xylene	10.13	106	418006	55.564	ug/L	98
55) Styrene	10.14	104	698111	56.863	ug/L	99
56) Isopropylbenzene	10.51	105	1064740	56.252	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	422764	50.702	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	338497	51.043	ug/L	99
61) Bromoform	10.32	173	200426	48.441	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	465035	53.160	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	460578	51.748	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	458829	51.517	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	75368	50.941	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	260675	58.357	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	175990	62.696	ug/L	98
69) Naphthalene	14.11	128	553769	70.930	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	191422	65.980	ug/L	98

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

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