

Data File : VU034986.D
Acq On : 08 Oct 2019 12:15
Operator : JC/SP
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 09 07:50:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	178555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	180778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	78562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46207	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	44328	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.26	63	73091	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.20	46	159445	51.30	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.62	84	84640	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.29	65	57855	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.32	84	194794	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.31	67	67755	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.54	98	177328	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.84	79	21852	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	115435	47.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55843	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	66994	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4323	0.265 ug/L	99
3) Chloromethane	1.32	50	5113	0.286 ug/L	98
5) Vinyl chloride	1.40	62	4751	0.270 ug/L	87
6) Bromomethane	1.62	94	2678	0.274 ug/L	100
8) Chloroethane	1.69	64	3167	0.300 ug/L	91
9) Trichlorofluoromethane	1.88	101	5969	0.281 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3886	0.318 ug/L	93
12) 1,1-Dichloroethene	2.27	96	3683	0.321 ug/L #	1
13) Acetone	2.35	43	8122	3.190 ug/L	68
14) Carbon disulfide	2.47	76	10294	0.270 ug/L #	91
15) Methyl Acetate	2.61	43	2378	0.351 ug/L #	86
16) Methylene chloride	2.69	84	5922	0.417 ug/L	91
17) Methyl tert-butyl Ether	2.99	73	8422	0.269 ug/L	94
18) trans-1,2-Dichloroethene	2.96	96	3475	0.283 ug/L	95
19) 1,1-Dichloroethane	3.42	63	6660	0.273 ug/L	95
21) 2-Butanone	4.30	43	10238m	2.824 ug/L	
22) cis-1,2-Dichloroethene	4.21	96	3703	0.270 ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	1535	0.267	ug/L	93
25) Chloroform	4.65	83	25685	0.937	ug/L	97
27) 1,2-Dichloroethane	5.39	62	4499	0.281	ug/L #	95
29) 1,1,1-Trichloroethane	4.89	97	5282	0.260	ug/L	94
30) Cyclohexane	4.97	56	5343	0.239	ug/L	98
31) Carbon tetrachloride	5.11	117	4527	0.257	ug/L	95
33) Benzene	5.37	78	14328	0.263	ug/L	100
34) Trichloroethene	6.17	95	4082	0.291	ug/L	91
35) Methylcyclohexane	6.39	83	5771	0.254	ug/L	98
37) 1,2-Dichloropropane	6.41	63	4227	0.288	ug/L #	88
38) Bromodichloromethane	6.74	83	4494	0.261	ug/L	90
39) cis-1,3-Dichloropropene	7.26	75	4458	0.224	ug/L	92
40) 4-Methyl-2-pentanone	7.45	43	21725	2.350	ug/L #	85
42) Toluene	7.62	91	15258	0.268	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	4013m	0.260	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	2640	0.271	ug/L	93
47) Tetrachloroethene	8.21	164	2909	0.256	ug/L	86
48) 2-Hexanone	8.36	43	18492	2.917	ug/L #	92
49) Dibromochloromethane	8.46	129	2758	0.245	ug/L	90
50) 1,2-Dibromoethane	8.57	107	1988	0.213	ug/L #	77
51) Chlorobenzene	9.10	112	9369	0.254	ug/L	87
52) Ethylbenzene	9.23	91	15456	0.246	ug/L	99
53) m,p-Xylene	9.36	106	5435	0.234	ug/L	95
54) o-Xylene	9.76	106	5149	0.227	ug/L	97
55) Styrene	9.78	104	7622	0.208	ug/L	95
56) Isopropylbenzene	10.14	105	14062	0.233	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.44	83	3909	0.295	ug/L #	99
59) 1,2,3-Trichloropropane	10.47	75	2564	0.270	ug/L	95
61) Bromoform	9.94	173	1328	0.246	ug/L #	95
62) 1,3-Dichlorobenzene	11.40	146	6370	0.263	ug/L	93
63) 1,4-Dichlorobenzene	11.49	146	7062	0.289	ug/L	93
65) 1,2-Dichlorobenzene	11.86	146	7068	0.303	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	3885	0.237	ug/L #	92
69) Naphthalene	13.78	128	2349m	0.123	ug/L	
70) 1,2,3-Trichlorobenzene	14.01	180	1969m	0.165	ug/L	

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

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