

Data File : VU034987.D
Acq On : 08 Oct 2019 12:40
Operator : JC/SP
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 09 07:52:55 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	175785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	75090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45758	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.67	69	44258	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.26	63	70962	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.19	46	153387	50.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.26%
24) Chloroform-d	4.62	84	87858	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.29	65	55879	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	191692	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.31	67	65738	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.54	98	174621	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.84	79	19797	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.30	63	112691	47.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56740	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	64711	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4521	0.281 ug/L	95
3) Chloromethane	1.32	50	5399	0.306 ug/L	91
5) Vinyl chloride	1.40	62	5203	0.301 ug/L	86
6) Bromomethane	1.62	94	2671	0.278 ug/L	99
8) Chloroethane	1.69	64	2748	0.265 ug/L	98
9) Trichlorofluoromethane	1.87	101	6140	0.293 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3718	0.309 ug/L	91
12) 1,1-Dichloroethene	2.27	96	3357	0.297 ug/L #	1
13) Acetone	2.33	43	7705	3.074 ug/L	98
14) Carbon disulfide	2.46	76	10062	0.268 ug/L	99
15) Methyl Acetate	2.62	43	1692	0.254 ug/L #	73
16) Methylene chloride	2.69	84	5797	0.415 ug/L	81
17) Methyl tert-butyl Ether	2.99	73	8950	0.291 ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	3531	0.292 ug/L	88
19) 1,1-Dichloroethane	3.42	63	6385	0.266 ug/L	94
21) 2-Butanone	4.28	43	9861m	2.763 ug/L	
22) cis-1,2-Dichloroethene	4.20	96	3245	0.241 ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	1283	0.227	ug/L	92
25) Chloroform	4.65	83	19891	0.737	ug/L	96
27) 1,2-Dichloroethane	5.39	62	4554	0.289	ug/L	95
29) 1,1,1-Trichloroethane	4.89	97	5133	0.260	ug/L #	84
30) Cyclohexane	4.96	56	5319	0.245	ug/L	98
31) Carbon tetrachloride	5.10	117	4322	0.252	ug/L	100
33) Benzene	5.37	78	14658	0.276	ug/L	100
34) Trichloroethene	6.17	95	3762	0.275	ug/L	88
35) Methylcyclohexane	6.39	83	5766	0.260	ug/L	94
37) 1,2-Dichloropropane	6.41	63	3621	0.253	ug/L #	92
38) Bromodichloromethane	6.74	83	4618	0.275	ug/L	94
39) cis-1,3-Dichloropropene	7.25	75	4963m	0.256	ug/L	
40) 4-Methyl-2-pentanone	7.45	43	21513	2.390	ug/L #	84
42) Toluene	7.62	91	14319	0.259	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	3526	0.235	ug/L	93
45) 1,1,2-Trichloroethane	8.05	97	2921	0.308	ug/L	80
47) Tetrachloroethene	8.21	164	3001	0.271	ug/L	78
48) 2-Hexanone	8.35	43	19741	3.199	ug/L	93
49) Dibromochloromethane	8.46	129	2712	0.247	ug/L	89
50) 1,2-Dibromoethane	8.57	107	2244	0.247	ug/L #	89
51) Chlorobenzene	9.10	112	9183	0.256	ug/L #	81
52) Ethylbenzene	9.23	91	16047	0.263	ug/L	100
53) m,p-Xylene	9.36	106	5078	0.225	ug/L	90
54) o-Xylene	9.76	106	4922	0.223	ug/L	75
55) Styrene	9.78	104	7549	0.211	ug/L	93
56) Isopropylbenzene	10.15	105	13242	0.225	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	3632	0.281	ug/L #	98
59) 1,2,3-Trichloropropane	10.48	75	2435m	0.263	ug/L	
61) Bromoform	9.94	173	1473	0.286	ug/L #	88
62) 1,3-Dichlorobenzene	11.40	146	6627	0.286	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	6823	0.292	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	6717	0.301	ug/L	93
67) 1,3,5-Trichlorobenzene	12.87	180	3676m	0.235	ug/L	
69) Naphthalene	13.84	128	2147m	0.118	ug/L	
70) 1,2,3-Trichlorobenzene	14.00	180	1917m	0.169	ug/L	

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

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