

Data File : VU035042.D
Acq On : 10 Oct 2019 12:43
Operator : JC/SP
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:32:30 AM

Quant Time: Oct 11 03:07:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	159592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56717	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.67	69	50790	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.26	63	82635	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.18	46	157658	56.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.50%
24) Chloroform-d	4.62	84	95462	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.29	65	57139	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.32	84	203359	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.31	67	69441	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.55	98	183981	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.84	79	22276	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.30	63	111257	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56797	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	64079	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	5253	0.360 ug/L	98
3) Chloromethane	1.32	50	6312	0.395 ug/L	93
5) Vinyl chloride	1.40	62	6037	0.384 ug/L #	80
6) Bromomethane	1.62	94	3496	0.400 ug/L	98
8) Chloroethane	1.69	64	3857	0.409 ug/L	90
9) Trichlorofluoromethane	1.88	101	7225	0.380 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4582	0.420 ug/L	90
12) 1,1-Dichloroethene	2.27	96	4675	0.456 ug/L #	1
13) Acetone	2.32	43	9775	4.296 ug/L	96
14) Carbon disulfide	2.47	76	12556	0.368 ug/L #	88
15) Methyl Acetate	2.61	43	2276	0.376 ug/L	93
16) Methylene chloride	2.68	84	6929	0.546 ug/L	86
17) Methyl tert-butyl Ether	2.98	73	10728	0.384 ug/L #	93
18) trans-1,2-Dichloroethene	2.96	96	3845	0.350 ug/L	90
19) 1,1-Dichloroethane	3.42	63	8182	0.375 ug/L	92
21) 2-Butanone	4.28	43	12177	3.758 ug/L	93
22) cis-1,2-Dichloroethene	4.21	96	4534	0.370 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	1959	0.382	ug/L	92
25) Chloroform	4.65	83	18066	0.737	ug/L	95
27) 1,2-Dichloroethane	5.39	62	4731	0.330	ug/L #	95
29) 1,1,1-Trichloroethane	4.89	97	6717	0.366	ug/L	99
30) Cyclohexane	4.97	56	6904	0.342	ug/L #	89
31) Carbon tetrachloride	5.11	117	5546	0.349	ug/L	95
33) Benzene	5.37	78	18246	0.371	ug/L	100
34) Trichloroethene	6.17	95	4351	0.343	ug/L	97
35) Methylcyclohexane	6.39	83	6587	0.320	ug/L	96
37) 1,2-Dichloropropane	6.41	63	5015	0.378	ug/L #	94
38) Bromodichloromethane	6.74	83	5632	0.362	ug/L	94
39) cis-1,3-Dichloropropene	7.25	75	5987	0.333	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	27671	3.312	ug/L #	85
42) Toluene	7.62	91	18177	0.354	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	4606m	0.331	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	3126	0.355	ug/L	86
47) Tetrachloroethene	8.21	164	3845	0.374	ug/L	89
48) 2-Hexanone	8.36	43	24880	4.344	ug/L #	93
49) Dibromochloromethane	8.46	129	3541	0.348	ug/L	93
50) 1,2-Dibromoethane	8.58	107	3063	0.364	ug/L #	91
51) Chlorobenzene	9.10	112	11877	0.357	ug/L	95
52) Ethylbenzene	9.23	91	18987	0.335	ug/L	96
53) m,p-Xylene	9.36	106	6974	0.333	ug/L	97
54) o-Xylene	9.76	106	6549	0.320	ug/L	94
55) Styrene	9.78	104	9886	0.298	ug/L	92
56) Isopropylbenzene	10.15	105	16963	0.311	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	4693	0.392	ug/L #	85
59) 1,2,3-Trichloropropane	10.48	75	3221	0.375	ug/L	99
61) Bromoform	9.94	173	1563	0.328	ug/L #	81
62) 1,3-Dichlorobenzene	11.40	146	7641	0.358	ug/L	96
63) 1,4-Dichlorobenzene	11.49	146	8405	0.390	ug/L	96
65) 1,2-Dichlorobenzene	11.86	146	8082	0.392	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.65	75	358m	0.273	ug/L	
67) 1,3,5-Trichlorobenzene	12.87	180	4112	0.284	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	1876m	0.174	ug/L	
69) Naphthalene	13.76	128	2547m	0.152	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	2458m	0.234	ug/L	

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

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