

Data File : VU035041.D
Acq On : 10 Oct 2019 12:19
Operator : JC/SP
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:46:56 AM

Quant Time: Oct 11 03:05:52 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	158969	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55440	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.67	69	51628	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.80%
11) 1,1-Dichloroethene-d2	2.26	63	83207	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.18	46	158778	57.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.76%
24) Chloroform-d	4.62	84	97037	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.29	65	57317	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.32	84	201840	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.31	67	68874	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.55	98	180477	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.84	79	22054	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.30	63	115196	53.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57449	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	64236	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4790	0.330 ug/L	100
3) Chloromethane	1.32	50	5687	0.357 ug/L	98
5) Vinyl chloride	1.40	62	5416	0.346 ug/L	84
6) Bromomethane	1.62	94	3208	0.369 ug/L	98
8) Chloroethane	1.69	64	3039	0.324 ug/L	86
9) Trichlorofluoromethane	1.88	101	6647	0.351 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4549	0.418 ug/L	87
12) 1,1-Dichloroethene	2.27	96	4028	0.394 ug/L #	1
13) Acetone	2.32	43	8853	3.906 ug/L	95
14) Carbon disulfide	2.47	76	10421	0.307 ug/L #	93
15) Methyl Acetate	2.61	43	2320	0.385 ug/L #	87
16) Methylene chloride	2.68	84	6188	0.490 ug/L	86
17) Methyl tert-butyl Ether	2.99	73	9449	0.339 ug/L #	94
18) trans-1,2-Dichloroethene	2.96	96	3532	0.323 ug/L	93
19) 1,1-Dichloroethane	3.42	63	7170	0.330 ug/L	93
21) 2-Butanone	4.27	43	11137m	3.451 ug/L	
22) cis-1,2-Dichloroethene	4.20	96	3849	0.316 ug/L	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	1867	0.365	ug/L	95
25) Chloroform	4.65	83	16887	0.692	ug/L	93
27) 1,2-Dichloroethane	5.39	62	4905	0.344	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	5599	0.310	ug/L	98
30) Cyclohexane	4.97	56	5756	0.290	ug/L	96
31) Carbon tetrachloride	5.11	117	4771	0.305	ug/L	99
33) Benzene	5.37	78	14822	0.306	ug/L	100
34) Trichloroethene	6.17	95	4070	0.326	ug/L	95
35) Methylcyclohexane	6.39	83	6128	0.303	ug/L	97
37) 1,2-Dichloropropane	6.42	63	4465	0.342	ug/L #	95
38) Bromodichloromethane	6.74	83	5153	0.336	ug/L	92
39) cis-1,3-Dichloropropene	7.26	75	5535	0.313	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	23721	2.883	ug/L #	86
42) Toluene	7.62	91	15004	0.297	ug/L	93
44) trans-1,3-Dichloropropene	7.87	75	4073m	0.297	ug/L	
45) 1,1,2-Trichloroethane	8.06	97	2835	0.327	ug/L	95
47) Tetrachloroethene	8.21	164	3277	0.324	ug/L	88
48) 2-Hexanone	8.36	43	19807	3.511	ug/L	96
49) Dibromochloromethane	8.46	129	2857	0.285	ug/L	87
50) 1,2-Dibromoethane	8.57	107	2462	0.297	ug/L #	97
51) Chlorobenzene	9.10	112	10377	0.317	ug/L	98
52) Ethylbenzene	9.23	91	16696	0.299	ug/L	95
53) m,p-Xylene	9.36	106	5933	0.288	ug/L	92
54) o-Xylene	9.76	106	6111	0.303	ug/L	97
55) Styrene	9.78	104	9119	0.279	ug/L	89
56) Isopropylbenzene	10.15	105	14977	0.279	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	4157	0.352	ug/L #	96
59) 1,2,3-Trichloropropane	10.48	75	2739	0.324	ug/L	95
61) Bromoform	9.94	173	1284	0.276	ug/L #	96
62) 1,3-Dichlorobenzene	11.40	146	6900	0.330	ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	7284	0.345	ug/L	91
65) 1,2-Dichlorobenzene	11.86	146	7017	0.348	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	3754	0.265	ug/L #	94
68) 1,2,4-trichlorobenzene	13.50	180	1527	0.144	ug/L #	66
69) Naphthalene	13.76	128	2675m	0.163	ug/L	
70) 1,2,3-Trichlorobenzene	13.98	180	2292m	0.223	ug/L	

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

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