Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
Data File : BE101023.D
Acq On : 10 Jan 2020 14:05
Operator : JU
Sample : K5111-09
Misc : MDL-MDL-W-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-MDL-WATER-03-QT4-2019

Quant Time: Jan 10 14:52:11 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 14:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2942	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	12955	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8077	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	17481	0.40	ng		0.01
27) Chrysene-d12	21.28	240	13199	0.40	ng		0.00
34) Perylene-d12	23.70	264	15456	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2288	0.35	ng		0.00
5) Phenol-d6	6.92	99	2235	0.27	ng		0.00
8) Nitrobenzene-d5	8.89	82	2399	0.26	ng		0.01
11) 2-Methylnaphthalene-d10	12.12	152	7834	0.32	ng		0.01
14) 2,4,6-Tribromophenol	15.86	330	505	0.22	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	11815	0.39	ng		0.00
25) Fluoranthene-d10	19.13	212	71445	0.29	ng		0.00
29) Terphenyl-d14	19.74	244	13900	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1214	0.162	ng	#	70
3) n-Nitrosodimethylamine	3.61	42	169	0.041	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	474	0.048	ng	#	56
9) Naphthalene	10.56	128	12758	0.089	ng	#	96
10) Hexachlorobutadiene	10.85	225	551	0.090	ng		99
12) 2-Methylnaphthalene	12.19	142	1839	0.085	ng	#	93
16) Acenaphthylene	14.08	152	2262	0.069	ng		94
17) Acenaphthene	14.43	154	1887	0.080	ng		97
18) Fluorene	15.41	166	2186	0.073	ng		96
20) 4-Bromophenyl-phenylether	16.30	248	631	0.074	ng	#	90
21) Hexachlorobenzene	16.41	284	824	0.088	ng		94
22) Pentachlorophenol	16.77	266	276	0.119	ng		94
23) Phenanthrene	17.13	178	3752	0.079	ng		99
24) Anthracene	17.24	178	3834m	0.085	ng		
26) Fluoranthene	19.16	202	4586	0.077	ng		99
28) Pyrene	19.52	202	4623	0.094	ng		99
30) Benzo(a)anthracene	21.27	228	2626	0.070	ng		98
31) Chrysene	21.32	228	5272	0.094	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	4624	0.074	ng	#	96
33) Indeno(1,2,3-cd)pyrene	26.25	276	3888m	0.088	ng		
35) Benzo(b)fluoranthene	22.96	252	2711	0.063	ng	#	87
36) Benzo(k)fluoranthene	23.01	252	5245m	0.084	ng		
37) Benzo(a)pyrene	23.59	252	3019m	0.072	ng		
38) Dibenzo(a,h)anthracene	26.28	278	2557m	0.066	ng		
39) Benzo(g,h,i)perylene	27.02	276	3615	0.076	ng	#	92

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

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