Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051618\
Data File : BE096596.D
Acq On : 16 May 2018 16:43
Operator : SJ/JU
Sample : J2133-08
Misc : LOQ 0.2
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2018

Quant Time: May 17 03:56:35 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	595	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2618	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1541	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3454	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3264	0.40	ng		0.00
34) Perylene-d12	24.33	264	2970	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.86	112	552	0.34	ng		0.00
5) Phenol-d6	7.50	99	789	0.34	ng		0.00
8) Nitrobenzene-d5	9.53	82	945	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.72	152	1504	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	170	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2300	0.35	ng		0.00
25) Fluoranthene-d10	19.62	212	15035	0.36	ng		0.00
29) Terphenyl-d14	20.18	244	2461	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	204	0.229	ng	#	89
3) n-Nitrosodimethylamine	3.96	42	185	0.166	ng	#	63
6) bis(2-Chloroethyl)ether	7.75	93	440	0.203	ng		81
9) Naphthalene	11.23	128	5093	0.185	ng	#	98
10) Hexachlorobutadiene	11.49	225	304	0.197	ng	#	85
12) 2-Methylnaphthalene	12.79	142	850	0.180	ng	#	90
16) Acenaphthylene	14.66	152	1377	0.171	ng		99
17) Acenaphthene	14.99	154	891	0.182	ng		93
18) Fluorene	15.96	166	1300	0.213	ng	#	70
20) 4-Bromophenyl-phenylether	16.82	248	370	0.177	ng	#	71
21) Hexachlorobenzene	16.95	284	403	0.184	ng	#	81
22) Pentachlorophenol	17.31	266	42	0.242	ng		99
23) Phenanthrene	17.67	178	1730	0.178	ng		96
24) Anthracene	17.77	178	1542	0.171	ng		95
26) Fluoranthene	19.65	202	2028	0.175	ng	#	97
28) Pyrene	20.00	202	814	0.138	ng		99
30) Benzo(a)anthracene	21.72	228	1817	0.181	ng		97
31) Chrysene	21.78	228	1894	0.181	ng		94
32) Bis(2-ethylhexyl)phthalate	21.58	149	3348	0.156	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.10	276	1740	0.174	ng	#	92
35) Benzo(b)fluoranthene	23.52	252	1631	0.178	ng	#	88
36) Benzo(k)fluoranthene	23.58	252	1735	0.179	ng	#	83
37) Benzo(a)pyrene	24.21	252	1520	0.174	ng	#	85
38) Dibenzo(a,h)anthracene	27.11	278	1360	0.170	ng	#	87
39) Benzo(g,h,i)perylene	27.97	276	1491	0.178	ng	#	85

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

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