Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095555.D
Acq On : 7 Feb 2018 16:29
Operator : SJ/JU
Sample : J1161-07
Misc : LOD 0.1ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 08 01:16:01 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1363	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	5419	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3101	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7484	0.40	ng		0.00
27) Chrysene-d12	21.79	240	7336	0.40	ng		0.00
34) Perylene-d12	24.43	264	6776	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1158	0.28	ng		0.00
5) Phenol-d6	7.56	99	1514	0.27	ng		-0.01
8) Nitrobenzene-d5	9.61	82	1579	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2547	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	287	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	4017	0.30	ng		0.00
25) Fluoranthene-d10	19.69	212	27054	0.27	ng		0.00
29) Terphenyl-d14	20.25	244	4699	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	272	0.121	ng	#	78
3) n-Nitrosodimethylamine	4.00	42	199	0.070	ng	#	85
6) bis(2-Chloroethyl)ether	7.83	93	453	0.086	ng		87
9) Naphthalene	11.33	128	5551	0.088	ng	#	97
10) Hexachlorobutadiene	11.58	225	265	0.078	ng		97
12) 2-Methylnaphthalene	12.88	142	911	0.085	ng		95
16) Acenaphthylene	14.73	152	1455	0.082	ng		100
17) Acenaphthene	15.06	154	923	0.084	ng		94
18) Fluorene	16.04	166	1180	0.085	ng	#	76
20) 4-Bromophenyl-phenylether	16.91	248	388	0.086	ng	#	72
21) Hexachlorobenzene	17.03	284	415	0.089	ng	#	81
22) Pentachlorophenol	17.37	266	62	0.194	ng		95
23) Phenanthrene	17.74	178	2033	0.088	ng		97
24) Anthracene	17.83	178	1728	0.080	ng	#	95
26) Fluoranthene	19.72	202	2468	0.085	ng		96
28) Pyrene	20.06	202	2914	0.095	ng		98
30) Benzo(a)anthracene	21.78	228	2054	0.084	ng		97
31) Chrysene	21.84	228	2160	0.090	ng		97
32) Bis(2-ethylhexyl)phthalate	21.65	149	4110	0.073	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1758	0.076	ng		94
35) Benzo(b)fluoranthene	23.61	252	2000	0.087	ng		93
36) Benzo(k)fluoranthene	23.66	252	1922	0.081	ng	#	83
37) Benzo(a)pyrene	24.31	252	1725	0.080	ng	#	83
38) Dibenzo(a,h)anthracene	27.26	278	1397	0.074	ng	#	82
39) Benzo(g,h,i)perylene	28.11	276	1664	0.082	ng	#	84

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

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