Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095557.D
Acq On : 7 Feb 2018 17:40
Operator : SJ/JU
Sample : J1161-09
Misc : MDL 0.1ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/8/2018 3:49:30 PM

Quant Time: Feb 08 02:52:31 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	8.43	152	1409	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	5399	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3081	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7464	0.40	ng		0.00
27) Chrysene-d12	21.81	240	7348	0.40	ng		0.02
34) Perylene-d12	24.43	264	6672	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1147	0.27	ng		0.00
5) Phenol-d6	7.56	99	1510	0.26	ng		0.00
8) Nitrobenzene-d5	9.61	82	1582	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2554	0.29	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	284	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	4060	0.31	ng		0.00
25) Fluoranthene-d10	19.69	212	26702	0.27	ng		0.00
29) Terphenyl-d14	20.25	244	4644	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	286	0.123	ng	#	69
3) n-Nitrosodimethylamine	4.01	42	205	0.070	ng	#	79
6) bis(2-Chloroethyl)ether	7.83	93	467	0.086	ng		93
9) Naphthalene	11.33	128	5445	0.087	ng	#	97
10) Hexachlorobutadiene	11.58	225	322	0.096	ng		99
12) 2-Methylnaphthalene	12.88	142	937	0.088	ng		93
16) Acenaphthylene	14.73	152	1402	0.080	ng		97
17) Acenaphthene	15.07	154	913	0.084	ng		88
18) Fluorene	16.04	166	1167	0.085	ng	#	79
20) 4-Bromophenyl-phenylether	16.91	248	397	0.088	ng	#	76
21) Hexachlorobenzene	17.02	284	417	0.090	ng	#	81
22) Pentachlorophenol	17.37	266	47	0.187	ng		98
23) Phenanthrene	17.74	178	1981	0.086	ng		98
24) Anthracene	17.85	178	1732	0.081	ng	#	96
26) Fluoranthene	19.72	202	2448	0.085	ng		98
28) Pyrene	20.06	202	2519	0.082	ng	#	94
30) Benzo(a)anthracene	21.78	228	2049	0.084	ng		98
31) Chrysene	21.84	228	2133	0.088	ng		98
32) Bis(2-ethylhexyl)phthalate	21.65	149	3857	0.068	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.24	276	1769	0.076	ng	#	91
35) Benzo(b)fluoranthene	23.61	252	2035m	0.089	ng		
36) Benzo(k)fluoranthene	23.66	252	1857	0.079	ng	#	80
37) Benzo(a)pyrene	24.31	252	1758	0.083	ng	#	85
38) Dibenzo(a,h)anthracene	27.26	278	1361	0.073	ng	#	86
39) Benzo(g,h,i)perylene	28.11	276	1578	0.079	ng	#	82

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

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