Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050316\
Data File : BE091742.D
Acq On : 3 May 2016 14:16
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER2016-02

Manual Integrations APPROVED
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5/4/2016 6:49:10 PM

Quant Time: May 04 01:17:58 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	41259	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	183650	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	103083	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	268664	5.00	ng		0.00
26) Chrysene-d12	21.31	240	287430	5.00	ng		0.00
35) Perylene-d12	23.75	264	304660	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	71759	7.08	ng		0.00
5) Phenol-d6	6.96	99	97632	7.26	ng		0.00
8) Nitrobenzene-d5	8.95	82	40180	3.39	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	22924	6.01	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	119584	4.10	ng		0.00
29) Terphenyl-d14	19.76	244	195767	4.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	965	0.10	ng		90
3) n-Nitrosodimethylamine	3.64	42	922	0.12	ng	#	90
6) bis(2-Chloroethyl)ether	7.21	93	1734	0.15	ng	#	75
9) Nitrobenzene	8.99	77	1867	0.15	ng	#	94
10) Naphthalene	10.61	128	6231	0.17	ng		97
11) Hexachlorobutadiene	10.92	225	898m	0.16	ng		
12) 2-Methylnaphthalene	12.24	142	3834	0.16	ng		99
16) Acenaphthylene	14.12	152	5224m	0.13	ng		
17) Acenaphthene	14.47	154	4056	0.16	ng		84
18) Fluorene	15.46	166	5035	0.16	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	1515	0.16	ng		95
21) Hexachlorobenzene	16.45	284	1631	0.17	ng		99
22) Pentachlorophenol	16.81	266	468	0.19	ng		95
23) Phenanthrene	17.18	178	10839	0.18	ng		98
24) Anthracene	17.28	178	8481	0.15	ng		99
25) Fluoranthene	19.19	202	10187	0.16	ng		97
27) Benzidine	19.40	184	1933	0.25	ng		92
28) Pyrene	19.55	202	11726	0.18	ng		100
30) Benzo(a)anthracene	21.29	228	12832	0.18	ng		92
31) 3,3'-Dichlorobenzidine	21.22	252	7465	0.21	ng	#	82
32) Chrysene	21.33	228	15313m	0.21	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	3189	0.15	ng	#	88
34) Indeno(1,2,3-cd)pyrene	26.31	276	12333	0.19	ng		95
36) Benzo(b)fluoranthene	23.00	252	12582	0.18	ng		95
37) Benzo(k)fluoranthene	23.04	252	11175	0.15	ng		96
38) Benzo(a)pyrene	23.63	252	10835	0.16	ng	#	90
39) Dibenzo(a,h)anthracene	26.33	278	9907	0.16	ng		96
40) Benzo(g,h,i)perylene	27.09	276	10289	0.16	ng		95

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

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