Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032116\
Data File : BE091496.D
Acq On : 21 Mar 2016 10:45
Operator : UM/SJ
Sample : MDL-01-W
Misc : 0.08PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
mohammad
3/21/2016 6:40:04 PM

Quant Time: Mar 21 17:53:15 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:14:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	64384	5.00	ng		-0.02
6) Naphthalene-d8	10.61	136	285350	5.00	ng		0.00
10) Acenaphthene-d10	14.45	164	161050	5.00	ng		0.00
16) Phenanthrene-d10	17.17	188	416913	5.00	ng		-0.01
22) Chrysene-d12	21.33	240	563706	5.00	ng		0.00
28) Perylene-d12	23.80	264	487901	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	113863	7.70	ng		-0.02
5) Phenol-d6	6.97	99	152040	7.87	ng		-0.02
7) Nitrobenzene-d5	8.97	82	52759	3.45	ng		-0.01
11) 2,4,6-Tribromophenol	15.92	330	38826	6.58	ng		-0.01
12) 2-Fluorobiphenyl	13.07	172	185033	4.56	ng		0.00
24) Terphenyl-d14	19.78	244	295298	4.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	797	0.10	ng	#	76
3) n-Nitrosodimethylamine	3.68	42	413	0.04	ng	#	90
8) Naphthalene	10.65	128	3860	0.06	ng	#	95
9) 2-Methylnaphthalene	12.26	142	2265	0.05	ng	#	81
13) Acenaphthylene	14.16	152	2743m	0.17	ng		
14) Acenaphthene	14.50	154	2604	0.05	ng		91
15) Fluorene	15.48	166	3284	0.05	ng		99
17) Hexachlorobenzene	16.48	284	1031	0.06	ng		97
18) Pentachlorophenol	16.83	266	751	0.28	ng		96
19) Phenanthrene	17.22	178	7278m	0.06	ng		
20) Anthracene	17.31	178	5176	0.05	ng		98
21) Fluoranthene	19.23	202	7046	0.05	ng		97
23) Pyrene	19.59	202	7510	0.05	ng		98
25) Benzo(a)anthracene	21.31	228	10395m	0.07	ng		
26) Chrysene	21.36	228	11395m	0.07	ng		
27) Indeno(1,2,3-cd)pyrene	26.40	276	8293	0.05	ng		99
29) Benzo(b)fluoranthene	23.04	252	11237	0.07	ng	#	88
30) Benzo(k)fluoranthene	23.09	252	10372	0.07	ng	#	93
31) Benzo(a)pyrene	23.68	252	7377	0.05	ng	#	82
32) Dibenzo(a,h)anthracene	26.42	278	6706	0.05	ng	#	89
33) Benzo(g,h,i)perylene	27.18	276	7258	0.05	ng		94

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

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