Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
Data File : BE091724.D
Acq On : 27 Apr 2016 13:49
Operator : UM/SJ
Sample : PB90018BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90018BS

Manual Integrations APPROVED
sohil
4/28/2016 1:42:14 PM

Quant Time: Apr 28 03:24:08 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	38180	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	174021	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	101549	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	246955	5.00	ng		0.00
26) Chrysene-d12	21.31	240	282857	5.00	ng		0.00
35) Perylene-d12	23.75	264	280744	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	54074	5.77	ng		0.00
5) Phenol-d6	6.95	99	76663	6.16	ng		0.00
8) Nitrobenzene-d5	8.95	82	35225	3.14	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	23354	6.21	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	95731	3.33	ng		0.00
29) Terphenyl-d14	19.76	244	154235	3.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	13319	2.96	ng	#	90
3) n-Nitrosodimethylamine	3.63	42	21480	3.10	ng	#	90
6) bis(2-Chloroethyl)ether	7.21	93	34266	3.13	ng	#	76
9) Nitrobenzene	8.99	77	37310	3.18	ng		93
10) Naphthalene	10.61	128	113321	3.22	ng		97
11) Hexachlorobutadiene	10.90	225	17675	3.41	ng		97
12) 2-Methylnaphthalene	12.23	142	79320	3.51	ng		97
16) Acenaphthylene	14.12	152	138354	3.54	ng	#	86
17) Acenaphthene	14.47	154	92196	3.64	ng		98
18) Fluorene	15.46	166	110532	3.51	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	31684	3.57	ng		94
21) Hexachlorobenzene	16.45	284	31117	3.50	ng		96
22) Pentachlorophenol	16.79	266	35834	7.47	ng		89
23) Phenanthrene	17.18	178	205339	3.66	ng		99
24) Anthracene	17.28	178	182295	3.60	ng		99
25) Fluoranthene	19.19	202	235366	4.01	ng	#	96
27) Benzidine	19.38	184	27649	1.36	ng	#	76
28) Pyrene	19.55	202	260788	4.08	ng		99
30) Benzo(a)anthracene	21.29	228	230459	3.34	ng	#	91
31) 3,3'-Dichlorobenzidine	21.22	252	46311	1.31	ng	#	85
32) Chrysene	21.34	228	289192m	4.03	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	110106	5.26	ng	#	85
34) Indeno(1,2,3-cd)pyrene	26.29	276	253316	3.96	ng		97
36) Benzo(b)fluoranthene	23.00	252	266332	4.05	ng	#	95
37) Benzo(k)fluoranthene	23.04	252	226726	3.39	ng	#	96
38) Benzo(a)pyrene	23.63	252	222598	3.59	ng	#	97
39) Dibenzo(a,h)anthracene	26.32	278	213474	3.64	ng		97
40) Benzo(g,h,i)perylene	27.09	276	214057	3.59	ng		95

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

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