Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022017\
Data File : BE092752.D
Acq On : 20 Feb 2017 17:51
Operator : SJ/MA
Sample : I1899-02MSD 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Manual Integrations APPROVED
mohammad
2/21/2017 10:38:38 AM

Quant Time: Feb 21 00:34:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	12735	5.00	ng		-0.02
7) Naphthalene-d8	10.88	136	61167	5.00	ng		-0.02
12) Acenaphthene-d10	14.76	164	38109	5.00	ng		0.00
18) Phenanthrene-d10	17.51	188	82502	5.00	ng		0.00
24) Chrysene-d12	21.70	240	71227	5.00	ng		0.00
31) Perylene-d12	24.03	264	79072	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.61	112	7074	2.86	ng		-0.02
5) Phenol-d6	7.29	99	9625	3.17	ng		-0.02
8) Nitrobenzene-d5	9.27	82	4562	1.17	ng		-0.05
13) 2,4,6-Tribromophenol	16.25	330	2477	3.06	ng		-0.03
14) 2-Fluorobiphenyl	13.38	172	9898	1.07	ng		-0.02
26) Terphenyl-d14	20.12	244	12118	1.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1193	0.71	ng	#	67
3) n-Nitrosodimethylamine	3.70	42	2093	1.06	ng	#	98
6) bis(2-Chloroethyl)ether	7.52	93	3994	1.19	ng		90
9) Naphthalene	10.93	128	14919	1.13	ng		95
10) Hexachlorobutadiene	11.22	225	1948	1.00	ng		99
11) 2-Methylnaphthalene	12.56	142	9099	1.09	ng		97
15) Acenaphthylene	14.47	152	75021	1.30	ng		100
16) Acenaphthene	14.82	154	12669	1.52	ng		94
17) Fluorene	15.81	166	14694	1.37	ng		100
19) Hexachlorobenzene	16.84	284	2785	0.87	ng	#	39
20) Pentachlorophenol	17.19	266	2453	2.79	ng	#	89
21) Phenanthrene	17.56	178	134643	6.87	ng		95
22) Anthracene	17.65	178	34374	1.90	ng		98
23) Fluoranthene	19.54	202	1492420	17.75	ng		98
25) Pyrene	19.92	202	1320863	19.48	ng		94
27) Benzo(a)anthracene	21.68	228	805678m	11.66	ng		
28) Chrysene	21.72	228	741382m	9.05	ng		
29) Bis(2-ethylhexyl)phthalate	21.59	149	58826	6.15	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.46	276	600827	7.05	ng		98
32) Benzo(b)fluoranthene	23.30	252	301460m	14.44	ng		
33) Benzo(k)fluoranthene	23.35	252	93907m	4.25	ng		
34) Benzo(a)pyrene	23.91	252	190796	9.39	ng		97
35) Dibenzo(a,h)anthracene	26.48	278	45507	2.28	ng		95
36) Benzo(g,h,i)perylene	27.23	276	575865	6.95	ng		98

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

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