Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093774.D
Acq On : 20 Mar 2017 19:52
Operator : SJ/MA
Sample : I2304-11MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)MSD

Manual Integrations APPROVED
mohammad
3/21/2017 2:45:27 PM

Quant Time: Mar 21 01:33:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	224768	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	916272	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	393491	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	616591	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	296277	20.00	ng		-0.02
86) Perylene-d12	15.40	264	334714	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1861661	144.84	ng		0.01
7) Phenol-d6	6.48	99	2166724	136.42	ng		0.00
23) Nitrobenzene-d5	7.41	82	1470729	91.06	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	356385	116.93	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1864718	79.69	ng		-0.01
78) Terphenyl-d14	12.94	244	1317247	90.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	270851	41.59	ng		98
3) Pyridine	3.21	79	794234	45.52	ng		99
4) n-Nitrosodimethylamine	3.16	42	374287	49.74	ng		94
6) Aniline	6.50	93	437117	19.68	ng		95
8) 2-Chlorophenol	6.63	128	736870	52.12	ng		88
9) Benzaldehyde	6.38	77	349400	31.12	ng		96
10) Phenol	6.49	94	1063394	59.57	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	693336	47.83	ng		96
12) 1,3-Dichlorobenzene	6.78	146	700625	43.69	ng		98
13) 1,4-Dichlorobenzene	6.86	146	771501	47.16	ng		99
14) 1,2-Dichlorobenzene	7.01	146	641764	42.77	ng		98
15) Benzyl Alcohol	6.98	79	635277	53.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1036672	44.98	ng		100
17) 2-Methylphenol	7.10	107	591883	47.71	ng		98
18) Hexachloroethane	7.36	117	269697	46.50	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	498337	47.89	ng	#	86
20) 3+4-Methylphenols	7.26	107	716413	48.77	ng	#	87
22) Acetophenone	7.25	105	941142	47.44	ng		97
24) Nitrobenzene	7.42	77	667253	43.24	ng		98
25) Isophorone	7.67	82	1394847	48.75	ng	#	92
26) 2-Nitrophenol	7.74	139	367743	52.70	ng		92
27) 2,4-Dimethylphenol	7.78	122	698192	48.65	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	829307	45.04	ng		100
29) 2,4-Dichlorophenol	7.98	162	574204	47.00	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	594016	46.82	ng		99
31) Naphthalene	8.15	128	2022522	47.56	ng		99
32) Benzoic acid	7.84	122	49716	5.57	ng		99
33) 4-Chloroaniline	8.18	127	190007	10.40	ng		99
34) Hexachlorobutadiene	8.28	225	301825	45.24	ng		98
35) Caprolactam	8.56	113	188382m	49.12	ng		
36) 4-Chloro-3-methylphenol	8.68	107	620141	48.99	ng	#	85
37) 2-Methylnaphthalene	8.84	142	1213987	43.73	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	500938	48.07	ng		99
40) Hexachlorocyclopentadiene	9.00	237	218466	41.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	390975	51.68	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	373266	47.53	ng		96
45) 1,1'-Biphenyl	9.30	154	1482313	46.35	ng		99
46) 2-Chloronaphthalene	9.33	162	1189924	48.53	ng		97
47) 2-Nitroaniline	9.42	65	395867	57.81	ng	#	71
48) Acenaphthylene	9.74	152	1727878	43.30	ng		99
49) Dimethylphthalate	9.60	163	1600344	57.15	ng		99
50) 2,6-Dinitrotoluene	9.66	165	290314	47.22	ng	#	80
51) Acenaphthene	9.91	154	972115	40.79	ng		99
52) 3-Nitroaniline	9.82	138	207923	28.17	ng		98
53) 2,4-Dinitrophenol	9.92	184	18660	7.73	ng	#	1
54) Dibenzofuran	10.08	168	1482998	46.24	ng		97
55) 4-Nitrophenol	9.99	139	512500	92.45	ng		84
56) 2,4-Dinitrotoluene	10.06	165	360604	46.20	ng	#	79
57) Fluorene	10.42	166	1086761	44.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	241667	44.79	ng		99
59) Diethylphthalate	10.31	149	1357217	49.73	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	451345	43.59	ng		100
61) 4-Nitroaniline	10.44	138	289939	43.92	ng		93
62) Azobenzene	10.57	77	1274584	47.22	ng		100
64) 4,6-Dinitro-2-methylphenol	10.46	198	39117	10.95	ng	#	78
65) n-Nitrosodiphenylamine	10.54	169	1125378	54.75	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	281798	47.48	ng		96
67) Hexachlorobenzene	10.97	284	289395	47.28	ng	#	90
68) Atrazine	11.06	200	340210	53.92	ng		96
69) Pentachlorophenol	11.16	266	258403	72.20	ng		98
70) Phenanthrene	11.37	178	1494680	45.52	ng		99
71) Anthracene	11.43	178	1492320	44.14	ng		99
72) Carbazole	11.58	167	1323213	39.53	ng		100
73) Di-n-butylphthalate	11.92	149	1714532	47.59	ng		100
74) Fluoranthene	12.56	202	1318935	39.08	ng		99
76) Benzidine	12.68	184	209430	16.11	ng		95
77) Pyrene	12.79	202	1313861	53.29	ng		99
79) Butylbenzylphthalate	13.41	149	610861	55.43	ng	#	69
80) Benzo(a)anthracene	13.97	228	874563	47.13	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	99400	14.21	ng		97
82) Chrysene	14.01	228	833895	44.97	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	713712	53.77	ng		99
84) Di-n-octyl phthalate	14.59	149	1315695	54.33	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	889682	58.59	ng		99
87) Benzo(b)fluoranthene	15.00	252	935552m	41.46	ng		
88) Benzo(k)fluoranthene	15.02	252	739520m	44.38	ng		
89) Benzo(a)pyrene	15.34	252	835018	45.64	ng		99
90) Dibenzo(a,h)anthracene	16.78	278	755501	49.73	ng	#	96
91) Benzo(g,h,i)perylene	17.18	276	721494	47.85	ng		96

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

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