Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092269.D
Acq On : 14 Jan 2017 4:02
Operator : UM/SJ
Sample : I1147-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MSD

Manual Integrations APPROVED
Sohil
1/16/2017 8:39:28 AM

Quant Time: Jan 16 03:07:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	175564	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	796505	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	319510	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	350857	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	285761	20.00	ng		-0.01
86) Perylene-d12	15.07	264	160145	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1530104	145.52	ng		0.01
7) Phenol-d6	6.26	99	1833165	142.80	ng		0.00
23) Nitrobenzene-d5	7.16	82	1404436	98.05	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	282212	106.73	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	1606146	106.22	ng		0.00
78) Terphenyl-d14	12.67	244	1112285	94.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	225224	43.51	ng		98
3) Pyridine	2.69	79	630541	34.90	ng		98
4) n-Nitrosodimethylamine	2.66	42	314581	46.16	ng		99
6) Aniline	6.24	93	524542	31.46	ng	#	55
8) 2-Chlorophenol	6.37	128	564351	47.19	ng		96
9) Benzaldehyde	6.12	77	43546	4.34	ng		95
10) Phenol	6.27	94	902229	61.68	ng	#	70
11) bis(2-Chloroethyl)ether	6.32	93	550506	47.30	ng		98
12) 1,3-Dichlorobenzene	6.52	146	592534	46.41	ng		98
13) 1,4-Dichlorobenzene	6.60	146	610668m	46.99	ng		
14) 1,2-Dichlorobenzene	6.75	146	515171	45.69	ng		99
15) Benzyl Alcohol	6.74	79	450104	45.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	770535	44.46	ng	#	43
17) 2-Methylphenol	6.87	107	430565	44.76	ng	#	88
18) Hexachloroethane	7.09	117	229182	47.57	ng		94
19) n-Nitroso-di-n-propylamine	7.01	70	386688	45.28	ng		99
20) 3+4-Methylphenols	7.02	107	600785	52.37	ng	#	70
22) Acetophenone	7.00	105	859561	43.75	ng	#	92
24) Nitrobenzene	7.17	77	587902	38.54	ng		99
25) Isophorone	7.41	82	1058906	40.07	ng		94
26) 2-Nitrophenol	7.49	139	300350	39.92	ng		93
27) 2,4-Dimethylphenol	7.55	122	481762	38.61	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	737958	46.05	ng		98
29) 2,4-Dichlorophenol	7.74	162	421529	39.89	ng		91
30) 1,2,4-Trichlorobenzene	7.81	180	453464	39.16	ng		95
31) Naphthalene	7.89	128	1801650	49.42	ng		99
33) 4-Chloroaniline	7.95	127	365496	22.24	ng		97
34) Hexachlorobutadiene	8.00	225	232391	38.02	ng		99
35) Caprolactam	8.32	113	132656	38.20	ng	#	64
36) 4-Chloro-3-methylphenol	8.46	107	502141	41.30	ng		89
37) 2-Methylnaphthalene	8.58	142	800829	33.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	348039	43.11	ng		99
40) Hexachlorocyclopentadiene	8.74	237	47114	16.43	ng		98
42) 2,4,6-Trichlorophenol	8.87	196	257126	45.55	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	242271	41.70	ng		97
45) 1,1'-Biphenyl	9.04	154	912739	41.72	ng		98
46) 2-Chloronaphthalene	9.07	162	706250	40.76	ng		98
47) 2-Nitroaniline	9.17	65	202622	32.85	ng		96
48) Acenaphthylene	9.48	152	1028467	38.60	ng		98
49) Dimethylphthalate	9.35	163	1147082	56.13	ng		98
50) 2,6-Dinitrotoluene	9.42	165	203379	45.47	ng		99
51) Acenaphthene	9.65	154	830196	45.96	ng		99
52) 3-Nitroaniline	9.58	138	170624	30.82	ng		97
53) 2,4-Dinitrophenol	9.71	184	17241	6.93	ng	#	71
54) Dibenzofuran	9.82	168	1060058	43.45	ng		96
55) 4-Nitrophenol	9.79	139	234107m	62.29	ng		
56) 2,4-Dinitrotoluene	9.82	165	221733	39.50	ng	#	79
57) Fluorene	10.16	166	712688	40.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	170164	37.03	ng		98
59) Diethylphthalate	10.05	149	726643	36.61	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	283108	36.43	ng		95
61) 4-Nitroaniline	10.20	138	206632	36.02	ng		95
62) Azobenzene	10.31	77	790576	36.18	ng		99
64) 4,6-Dinitro-2-methylphenol	10.23	198	40756	19.21	ng		78
65) n-Nitrosodiphenylamine	10.28	169	644814	61.94	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	192568	52.76	ng	#	86
67) Hexachlorobenzene	10.71	284	206920	53.04	ng	#	85
68) Atrazine	10.82	200	177625	52.89	ng		97
69) Pentachlorophenol	10.91	266	175953	91.92	ng		98
70) Phenanthrene	11.11	178	1048110	55.09	ng		98
71) Anthracene	11.17	178	1056037	Below Cal			97
72) Carbazole	11.33	167	853105	Below Cal			98
73) Di-n-butylphthalate	11.67	149	1278682	73.53	ng	#	96
74) Fluoranthene	12.30	202	1460567	91.45	ng		91
76) Benzidine	12.43	184	232552	29.26	ng		96
77) Pyrene	12.52	202	1372946	65.48	ng		99
79) Butylbenzylphthalate	13.16	149	488927	51.27	ng	#	77
80) Benzo(a)anthracene	13.71	228	1035329	64.19	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	249733	40.83	ng		98
82) Chrysene	13.74	228	727158	44.94	ng		98
83) Bis(2-ethylhexyl)phthalate	13.72	149	582576	51.88	ng	#	99
84) Di-n-octyl phthalate	14.33	149	1117255	53.71	ng		97
85) Indeno(1,2,3-cd)pyrene	16.31	276	413027	29.47	ng	#	94
87) Benzo(b)fluoranthene	14.71	252	643046m	64.49	ng		
88) Benzo(k)fluoranthene	14.74	252	424649m	49.95	ng		
89) Benzo(a)pyrene	15.02	252	487691	55.11	ng		98
90) Dibenzo(a,h)anthracene	16.33	278	330597	45.45	ng	#	91
91) Benzo(g,h,i)perylene	16.68	276	334394	44.21	ng		98

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

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