Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093553.D
Acq On : 11 Mar 2017 5:50
Operator : SJ/MA
Sample : PB97520BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Manual Integrations APPROVED
mohammad
3/13/2017 5:50:38 PM

Quant Time: Mar 13 13:59:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175881	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	694861	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	336872	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	615082	20.00	ng		-0.02
75) Chrysene-d12	13.90	240	470786	20.00	ng		-0.02
86) Perylene-d12	15.31	264	371552	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1364655	129.13	ng		0.00
7) Phenol-d6	6.41	99	1682350	126.24	ng		0.00
23) Nitrobenzene-d5	7.32	82	1052859	84.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	280101	127.62	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1644848	90.82	ng		-0.03
78) Terphenyl-d14	12.85	244	1560949	86.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	223510	38.40	ng	#	84
3) Pyridine	2.98	79	583035	39.29	ng		88
4) n-Nitrosodimethylamine	2.96	42	338090	47.70	ng		86
6) Aniline	6.41	93	247616	13.54	ng	#	86
8) 2-Chlorophenol	6.54	128	502127	42.41	ng		97
9) Benzaldehyde	6.30	77	389159	59.66	ng		98
10) Phenol	6.42	94	777091	47.59	ng	#	75
11) bis(2-Chloroethyl)ether	6.48	93	526954	39.93	ng		89
12) 1,3-Dichlorobenzene	6.68	146	547343m	40.39	ng		
13) 1,4-Dichlorobenzene	6.76	146	570278	41.10	ng		98
14) 1,2-Dichlorobenzene	6.92	146	480452	39.10	ng		96
15) Benzyl Alcohol	6.90	79	415242	43.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	882516	40.25	ng	#	44
17) 2-Methylphenol	7.03	107	430603	43.00	ng	#	89
18) Hexachloroethane	7.25	117	193309	41.31	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	376871	41.13	ng		94
20) 3+4-Methylphenols	7.19	107	603430	46.46	ng	#	70
22) Acetophenone	7.17	105	725999	43.42	ng	#	93
24) Nitrobenzene	7.34	77	607374	43.15	ng		95
25) Isophorone	7.58	82	1076453	42.62	ng		98
26) 2-Nitrophenol	7.66	139	280841	43.73	ng		91
27) 2,4-Dimethylphenol	7.70	122	454778	43.53	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	643137	40.34	ng		98
29) 2,4-Dichlorophenol	7.91	162	449093	45.70	ng		93
30) 1,2,4-Trichlorobenzene	7.98	180	440519	42.15	ng		99
31) Naphthalene	8.05	128	1386307	39.81	ng		100
32) Benzoic acid	7.86	122	204443	37.66	ng		96
33) 4-Chloroaniline	8.13	127	80372	5.69	ng		98
34) Hexachlorobutadiene	8.16	225	226771	42.12	ng		99
35) Caprolactam	8.49	113	147089m	43.82	ng		
36) 4-Chloro-3-methylphenol	8.62	107	471838	44.98	ng		99
37) 2-Methylnaphthalene	8.74	142	962589	43.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	400949	43.59	ng		98
40) Hexachlorocyclopentadiene	8.88	237	211944	89.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	280909	48.88	ng		93
43) 2,4,5-Trichlorophenol	9.09	196	259512	42.08	ng	#	89
45) 1,1'-Biphenyl	9.20	154	1092904	44.53	ng		97
46) 2-Chloronaphthalene	9.22	162	873617	46.51	ng		94
47) 2-Nitroaniline	9.34	65	310130	46.70	ng		87
48) Acenaphthylene	9.64	152	1335765	43.12	ng		99
49) Dimethylphthalate	9.51	163	1020241	45.68	ng		98
50) 2,6-Dinitrotoluene	9.58	165	215783	44.03	ng	#	35
51) Acenaphthene	9.81	154	801820	43.77	ng		96
52) 3-Nitroaniline	9.76	138	46869	7.96	ng	#	91
53) 2,4-Dinitrophenol	9.89	184	77660	34.80	ng	#	74
54) Dibenzofuran	9.99	168	1199783	52.32	ng		94
55) 4-Nitrophenol	9.96	139	183316m	64.11	ng		
56) 2,4-Dinitrotoluene	10.00	165	296642	49.27	ng	#	72
57) Fluorene	10.33	166	953670	49.08	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	224783	51.65	ng		95
59) Diethylphthalate	10.21	149	1002011	46.94	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	452773	51.99	ng	#	82
61) 4-Nitroaniline	10.38	138	234764	38.99	ng		96
62) Azobenzene	10.48	77	1315820	54.25	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	116988	29.36	ng		80
65) n-Nitrosodiphenylamine	10.45	169	869181	42.32	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	251242	38.63	ng	#	90
67) Hexachlorobenzene	10.88	284	261696	42.14	ng	#	92
68) Atrazine	10.97	200	224523	37.35	ng		99
69) Pentachlorophenol	11.09	266	92921	43.33	ng		95
70) Phenanthrene	11.29	178	1425153	40.59	ng		98
71) Anthracene	11.34	178	1367429	38.50	ng		100
72) Carbazole	11.51	167	1367375	40.98	ng		97
73) Di-n-butylphthalate	11.82	149	1589947	41.19	ng		98
74) Fluoranthene	12.47	202	1418439	41.83	ng		95
76) Benzidine	12.61	184	141285	9.13	ng		96
77) Pyrene	12.70	202	1378654	40.27	ng		100
79) Butylbenzylphthalate	13.32	149	678000	47.04	ng		98
80) Benzo(a)anthracene	13.89	228	1177802	42.36	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	170821	17.54	ng		99
82) Chrysene	13.93	228	1135630	44.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1000928	49.82	ng	#	97
84) Di-n-octyl phthalate	14.48	149	1524087	45.52	ng		96
85) Indeno(1,2,3-cd)pyrene	16.67	276	872771	40.53	ng	#	94
87) Benzo(b)fluoranthene	14.92	252	1026635m	45.37	ng		
88) Benzo(k)fluoranthene	14.94	252	876572m	40.17	ng		
89) Benzo(a)pyrene	15.25	252	908056	43.91	ng	#	95
90) Dibenzo(a,h)anthracene	16.67	278	736066	43.02	ng	#	95
91) Benzo(g,h,i)perylene	17.08	276	742776	42.30	ng	#	93

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

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