Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094713.D
Acq On : 30 Apr 2017 14:37
Operator : SJ/MA
Sample : PB98552BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Manual Integrations APPROVED
mohammad
5/1/2017 7:50:47 PM

Quant Time: May 01 16:26:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113447	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	463009	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	219160	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	402950	20.00	ng		0.00
75) Chrysene-d12	14.47	240	316627	20.00	ng		0.00
86) Perylene-d12	16.09	264	215319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	576294	84.28	ng		0.03
7) Phenol-d6	5.40	99	678103	84.12	ng		0.00
23) Nitrobenzene-d5	6.42	82	615860	82.13	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	157726	92.01	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1209236	81.18	ng		0.00
78) Terphenyl-d14	13.19	244	1100192	92.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	99236	24.95	ng		97
3) Pyridine	2.65	79	285224	32.82	ng		99
4) n-Nitrosodimethylamine	2.63	42	128953	35.86	ng		86
6) Aniline	5.40	93	291412	27.20	ng	#	79
8) 2-Chlorophenol	5.54	128	323871	41.62	ng		96
9) Benzaldehyde	5.27	77	64507	10.52	ng		99
10) Phenol	5.41	94	394081	39.79	ng		93
11) bis(2-Chloroethyl)ether	5.48	93	286564	39.61	ng		95
12) 1,3-Dichlorobenzene	5.70	146	336210	39.00	ng		98
13) 1,4-Dichlorobenzene	5.79	146	337721	38.94	ng		98
14) 1,2-Dichlorobenzene	5.96	146	317309	39.72	ng		98
15) Benzyl Alcohol	5.95	79	246716	41.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	373876	39.42	ng	#	36
17) 2-Methylphenol	6.09	107	260799	42.56	ng		93
18) Hexachloroethane	6.35	117	115680	38.91	ng		89
19) n-Nitroso-di-n-propylamine	6.26	70	222059	41.57	ng		93
20) 3+4-Methylphenols	6.27	107	361898	43.46	ng	#	61
22) Acetophenone	6.24	105	451261	40.08	ng	#	85
24) Nitrobenzene	6.44	77	313543	39.71	ng		93
25) Isophorone	6.73	82	576674	41.49	ng		95
26) 2-Nitrophenol	6.81	139	178610	42.10	ng		97
27) 2,4-Dimethylphenol	6.89	122	289292	41.98	ng		95
28) bis(2-Chloroethoxy)methane	6.99	93	372976	41.48	ng		99
29) 2,4-Dichlorophenol	7.11	162	283161	44.17	ng		97
30) 1,2,4-Trichlorobenzene	7.20	180	267242	40.32	ng		99
31) Naphthalene	7.29	128	905572	40.68	ng		99
32) Benzoic acid	7.05	122	73219	20.09	ng		92
33) 4-Chloroaniline	7.37	127	77404	8.36	ng	#	93
34) Hexachlorobutadiene	7.44	225	134637	40.75	ng		98
35) Caprolactam	7.83	113	96243m	47.79	ng		
36) 4-Chloro-3-methylphenol	8.00	107	291668	43.42	ng		93
37) 2-Methylnaphthalene	8.12	142	640515	42.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	250552	40.15	ng		100
40) Hexachlorocyclopentadiene	8.32	237	201944	79.99	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	189161	43.16	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	196377	43.63	ng		95
45) 1,1'-Biphenyl	8.70	154	733505	40.96	ng		98
46) 2-Chloronaphthalene	8.72	162	585139	41.10	ng		95
47) 2-Nitroaniline	8.86	65	166993	40.77	ng		87
48) Acenaphthylene	9.22	152	924518	41.65	ng		99
49) Dimethylphthalate	9.10	163	725628	44.43	ng		99
50) 2,6-Dinitrotoluene	9.17	165	162063	44.21	ng	#	89
51) Acenaphthene	9.44	154	548081	41.23	ng		99
52) 3-Nitroaniline	9.37	138	80912	19.08	ng		90
53) 2,4-Dinitrophenol	9.52	184	68254	37.60	ng	#	67
54) Dibenzofuran	9.65	168	826492	42.78	ng		98
55) 4-Nitrophenol	9.64	139	219610m	73.29	ng		
56) 2,4-Dinitrotoluene	9.67	165	210586	46.82	ng		98
57) Fluorene	10.07	166	639204	42.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	141268	43.79	ng	#	95
59) Diethylphthalate	9.97	149	679169	44.07	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	279127	44.58	ng		93
61) 4-Nitroaniline	10.13	138	157964	36.64	ng		96
62) Azobenzene	10.28	77	642099	42.91	ng		92
64) 4,6-Dinitro-2-methylphenol	10.17	198	70772	26.81	ng	#	69
65) n-Nitrosodiphenylamine	10.23	169	590121	42.11	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	173510	43.36	ng		97
67) Hexachlorobenzene	10.75	284	172332	42.74	ng	#	93
68) Atrazine	10.91	200	163681	39.04	ng		97
69) Pentachlorophenol	11.01	266	122740	76.66	ng		99
70) Phenanthrene	11.25	178	934159	41.17	ng		99
71) Anthracene	11.31	178	967072	41.20	ng		99
72) Carbazole	11.52	167	895820	40.66	ng		97
73) Di-n-butylphthalate	11.97	149	1112397	45.86	ng		98
74) Fluoranthene	12.71	202	985759	41.92	ng		98
76) Benzidine	12.88	184	331078	25.82	ng	#	93
77) Pyrene	12.99	202	981401	44.36	ng		98
79) Butylbenzylphthalate	13.81	149	463054	47.76	ng		88
80) Benzo(a)anthracene	14.46	228	787816	42.81	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	181418	27.85	ng	#	95
82) Chrysene	14.51	228	688186	40.92	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	640541	49.21	ng	#	100
84) Di-n-octyl phthalate	15.27	149	1013458	46.42	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	545562	34.09	ng		99
87) Benzo(b)fluoranthene	15.69	252	631921	47.98	ng		98
88) Benzo(k)fluoranthene	15.72	252	543082m	43.57	ng		
89) Benzo(a)pyrene	16.04	252	530788	43.32	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	454046	44.62	ng		97
91) Benzo(g,h,i)perylene	17.76	276	454281	43.85	ng		96

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

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