Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094714.D
Acq On : 30 Apr 2017 15:04
Operator : SJ/MA
Sample : PB98552BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Manual Integrations APPROVED
mohammad
5/1/2017 7:50:49 PM

Quant Time: May 01 16:27:27 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	115692	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	472116	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	227784	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	408372	20.00	ng		0.00
75) Chrysene-d12	14.47	240	322934	20.00	ng		0.00
86) Perylene-d12	16.09	264	224094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	592329	84.94	ng		0.03
7) Phenol-d6	5.40	99	701104	85.28	ng		0.00
23) Nitrobenzene-d5	6.42	82	635498	83.12	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	165697	93.00	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1250393	80.77	ng		0.00
78) Terphenyl-d14	13.19	244	1153672	95.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	95792	23.62	ng		98
3) Pyridine	2.65	79	295314	33.32	ng		97
4) n-Nitrosodimethylamine	2.62	42	128714	35.10	ng		87
6) Aniline	5.40	93	314615	28.80	ng	#	77
8) 2-Chlorophenol	5.54	128	323010	40.71	ng		95
9) Benzaldehyde	5.27	77	61757	9.88	ng		97
10) Phenol	5.41	94	394990	39.11	ng		93
11) bis(2-Chloroethyl)ether	5.48	93	287148	38.92	ng		95
12) 1,3-Dichlorobenzene	5.70	146	331809	37.74	ng		99
13) 1,4-Dichlorobenzene	5.79	146	337381	38.14	ng		99
14) 1,2-Dichlorobenzene	5.96	146	316560	38.85	ng		96
15) Benzyl Alcohol	5.95	79	250286	41.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	373117	38.57	ng	#	35
17) 2-Methylphenol	6.09	107	256712	41.08	ng		93
18) Hexachloroethane	6.35	117	115692	38.16	ng		88
19) n-Nitroso-di-n-propylamine	6.26	70	225001	41.31	ng		95
20) 3+4-Methylphenols	6.27	107	359886	42.38	ng	#	61
22) Acetophenone	6.24	105	447513	38.98	ng	#	85
24) Nitrobenzene	6.44	77	315149	39.14	ng		93
25) Isophorone	6.73	82	580845	40.98	ng		95
26) 2-Nitrophenol	6.81	139	180722	41.78	ng		95
27) 2,4-Dimethylphenol	6.89	122	292024	41.56	ng		97
28) bis(2-Chloroethoxy)methane	6.99	93	368477	40.19	ng		99
29) 2,4-Dichlorophenol	7.11	162	284040	43.46	ng		96
30) 1,2,4-Trichlorobenzene	7.20	180	268354	39.71	ng		97
31) Naphthalene	7.29	128	899500	39.63	ng		99
32) Benzoic acid	7.06	122	90143	24.26	ng		95
33) 4-Chloroaniline	7.37	127	89949	9.53	ng	#	94
34) Hexachlorobutadiene	7.44	225	135399	40.19	ng		99
35) Caprolactam	7.83	113	98878m	48.15	ng		
36) 4-Chloro-3-methylphenol	8.00	107	302859	44.21	ng		90
37) 2-Methylnaphthalene	8.12	142	641589	41.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	252361	38.91	ng		99
40) Hexachlorocyclopentadiene	8.32	237	205905	78.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	190669	41.86	ng		96
43) 2,4,5-Trichlorophenol	8.55	196	199554	42.66	ng		96
45) 1,1'-Biphenyl	8.70	154	746802	40.13	ng		98
46) 2-Chloronaphthalene	8.72	162	590813	39.92	ng		95
47) 2-Nitroaniline	8.86	65	173220	40.69	ng		89
48) Acenaphthylene	9.22	152	941402	40.81	ng		99
49) Dimethylphthalate	9.10	163	740022	43.59	ng		99
50) 2,6-Dinitrotoluene	9.17	165	163456	42.90	ng	#	90
51) Acenaphthene	9.44	154	561789	40.66	ng		99
52) 3-Nitroaniline	9.37	138	84938	19.27	ng		93
53) 2,4-Dinitrophenol	9.52	184	82155	42.63	ng	#	67
54) Dibenzofuran	9.65	168	839866	41.82	ng		98
55) 4-Nitrophenol	9.64	139	136738m	43.91	ng		
56) 2,4-Dinitrotoluene	9.67	165	218576	46.75	ng		94
57) Fluorene	10.07	166	643394	41.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	150082	44.76	ng	#	94
59) Diethylphthalate	9.97	149	703869	43.95	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	282814	43.46	ng		92
61) 4-Nitroaniline	10.13	138	163970	36.59	ng		96
62) Azobenzene	10.28	77	667536	42.92	ng		92
64) 4,6-Dinitro-2-methylphenol	10.17	198	79189	29.60	ng	#	70
65) n-Nitrosodiphenylamine	10.23	169	602039	42.39	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	173428	42.77	ng		96
67) Hexachlorobenzene	10.75	284	177496	43.43	ng	#	93
68) Atrazine	10.91	200	161583	38.03	ng		96
69) Pentachlorophenol	11.01	266	128231	79.03	ng		99
70) Phenanthrene	11.25	178	964923	41.96	ng		99
71) Anthracene	11.31	178	1000471	42.06	ng		99
72) Carbazole	11.52	167	923356	41.36	ng		98
73) Di-n-butylphthalate	11.97	149	1144161	46.54	ng		98
74) Fluoranthene	12.71	202	1007222	42.26	ng		99
76) Benzidine	12.88	184	299653	22.92	ng	#	93
77) Pyrene	12.99	202	1021046	45.26	ng		98
79) Butylbenzylphthalate	13.81	149	483318	48.88	ng		90
80) Benzo(a)anthracene	14.46	228	797186	42.47	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	192169	28.92	ng	#	96
82) Chrysene	14.51	228	713262	41.58	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	660305	49.74	ng	#	99
84) Di-n-octyl phthalate	15.27	149	1044707	46.91	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	567253	34.75	ng		100
87) Benzo(b)fluoranthene	15.69	252	632955	46.17	ng		97
88) Benzo(k)fluoranthene	15.72	252	569473m	43.90	ng		
89) Benzo(a)pyrene	16.04	252	541713	42.48	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	475717	44.92	ng		97
91) Benzo(g,h,i)perylene	17.76	276	478345	44.37	ng		98

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

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