Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098355.D
Acq On : 8 Sep 2017 17:25
Operator : SJ/JU
Sample : PB102130BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Manual Integrations APPROVED
Sohil
9/11/2017 4:47:39 PM

Quant Time: Sep 08 17:54:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 15:02:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	102768	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	406241	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	163667	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	255351	20.00	ng		0.00
75) Chrysene-d12	13.84	240	202631	20.00	ng		0.00
86) Perylene-d12	15.24	264	205907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	576192	85.28	ng		0.02
7) Phenol-d6	6.33	99	749638	81.66	ng		0.00
23) Nitrobenzene-d5	7.26	82	666316	89.10	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	112702	79.36	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1001669	89.92	ng		0.00
78) Terphenyl-d14	12.79	244	624494	64.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	126112	33.470	ng	#	84
3) Pyridine	3.09	79	356545	34.229	ng	#	82
4) n-Nitrosodimethylamine	3.06	42	126129	31.469	ng	#	62
6) Aniline	6.35	93	344480	26.712	ng	#	32
8) 2-Chlorophenol	6.47	128	293133	41.140	ng		97
9) Benzaldehyde	6.23	77	69172	11.896	ng		85
10) Phenol	6.35	94	392426	36.551	ng		83
11) bis(2-Chloroethyl)ether	6.43	93	317718	39.208	ng		93
12) 1,3-Dichlorobenzene	6.62	146	297754	38.850	ng	#	94
13) 1,4-Dichlorobenzene	6.70	146	303607	38.950	ng		93
14) 1,2-Dichlorobenzene	6.85	146	276800	38.512	ng		100
15) Benzyl Alcohol	6.83	79	250952	36.514	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	385591	35.366	ng		83
17) 2-Methylphenol	6.96	107	253082	40.306	ng	#	91
18) Hexachloroethane	7.19	117	112246	36.729	ng	#	83
19) n-Nitroso-di-n-propylamine	7.11	70	221965	35.322	ng	#	88
20) 3+4-Methylphenols	7.11	107	313284	40.850	ng	#	72
22) Acetophenone	7.10	105	417364	38.890	ng	#	84
24) Nitrobenzene	7.27	77	344044	41.320	ng		96
25) Isophorone	7.52	82	616293	39.634	ng		99
26) 2-Nitrophenol	7.59	139	146300	48.444	ng	#	84
27) 2,4-Dimethylphenol	7.63	122	257987	39.782	ng		94
28) bis(2-Chloroethoxy)methane	7.72	93	406687	39.782	ng		98
29) 2,4-Dichlorophenol	7.83	162	222654	41.361	ng		94
30) 1,2,4-Trichlorobenzene	7.91	180	237114	39.734	ng		98
31) Naphthalene	7.99	128	814194	38.606	ng		99
32) Benzoic acid	7.77	122	109560	26.498	ng		92
33) 4-Chloroaniline	8.05	127	203958	22.931	ng		97
34) Hexachlorobutadiene	8.10	225	137852	39.564	ng		98
35) Caprolactam	8.43	113	75749m	41.391	ng		
36) 4-Chloro-3-methylphenol	8.54	107	253206	36.610	ng	#	79
37) 2-Methylnaphthalene	8.68	142	517473	40.021	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	213876	42.580	ng		99
40) Hexachlorocyclopentadiene	8.83	237	104486	43.300	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	138548	41.085	ng		96
43) 2,4,5-Trichlorophenol	9.01	196	140103	41.878	ng		97
45) 1,1'-Biphenyl	9.15	154	598429	40.096	ng		96
46) 2-Chloronaphthalene	9.17	162	438042	39.722	ng	#	92
47) 2-Nitroaniline	9.27	65	154703	41.846	ng		90
48) Acenaphthylene	9.58	152	678564	39.184	ng		100
49) Dimethylphthalate	9.45	163	533994	44.635	ng		100
50) 2,6-Dinitrotoluene	9.52	165	107613	45.063	ng	#	74
51) Acenaphthene	9.76	154	400019	36.626	ng		100
52) 3-Nitroaniline	9.68	138	86355	28.028	ng		88
53) 2,4-Dinitrophenol	9.80	184	25804	29.978	ng	#	76
54) Dibenzofuran	9.93	168	585054	39.969	ng		97
55) 4-Nitrophenol	9.86	139	127161	51.738	ng	#	57
56) 2,4-Dinitrotoluene	9.92	165	122538	40.888	ng	#	58
57) Fluorene	10.27	166	428095	37.827	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.05	232	99683	38.485	ng		89
59) Diethylphthalate	10.15	149	508538	40.648	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	207963	39.555	ng	#	85
61) 4-Nitroaniline	10.29	138	99817	34.087	ng		77
62) Azobenzene	10.42	77	552115	37.152	ng		93
64) 4,6-Dinitro-2-methylphenol	10.33	198	23246	24.291	ng	#	65
65) n-Nitrosodiphenylamine	10.38	169	393070	45.204	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	125187	47.211	ng	#	90
67) Hexachlorobenzene	10.82	284	111989	41.435	ng	#	92
68) Atrazine	10.92	200	111589	48.390	ng		98
69) Pentachlorophenol	11.02	266	85138	54.027	ng		97
70) Phenanthrene	11.23	178	546329	40.151	ng		100
71) Anthracene	11.28	178	552989	40.069	ng		99
72) Carbazole	11.44	167	499659	38.141	ng		97
73) Di-n-butylphthalate	11.77	149	696209	46.139	ng		99
74) Fluoranthene	12.41	202	523383	36.852	ng		98
76) Benzidine	12.54	184	399521	60.134	ng	#	93
77) Pyrene	12.64	202	536528	32.374	ng		98
79) Butylbenzylphthalate	13.26	149	259334	40.814	ng	#	79
80) Benzo(a)anthracene	13.83	228	461719	38.019	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	170698	41.653	ng	#	94
82) Chrysene	13.86	228	464505	38.449	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	347183	49.309	ng	#	100
84) Di-n-octyl phthalate	14.43	149	666997	54.444	ng		96
85) Indeno(1,2,3-cd)pyrene	16.60	276	450351	50.674	ng		97
87) Benzo(b)fluoranthene	14.84	252	531023	40.914	ng		98
88) Benzo(k)fluoranthene	14.87	252	449229m	36.841	ng		
89) Benzo(a)pyrene	15.19	252	482002	41.950	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	384345	41.088	ng		100
91) Benzo(g,h,i)perylene	17.01	276	356765	36.553	ng		95

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

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