Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097739.D
Acq On : 16 Aug 2017 15:22
Operator : SJ/JU
Sample : PB101499BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 01:39:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142354	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	574796	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	271633	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	529055	20.00	ng		0.00
75) Chrysene-d12	13.93	240	327107	20.00	ng		0.00
86) Perylene-d12	15.36	264	255104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1123726	120.07	ng		0.01
7) Phenol-d6	6.42	99	1514042	119.07	ng		0.00
23) Nitrobenzene-d5	7.35	82	947918	89.59	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	332359	141.02	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1498377	81.04	ng		0.00
78) Terphenyl-d14	12.89	244	1293757	82.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	168998	32.379	ng		91
3) Pyridine	3.29	79	489759	33.943	ng		88
4) n-Nitrosodimethylamine	3.24	42	195939	35.292	ng		81
6) Aniline	6.45	93	294904	16.509	ng		96
8) 2-Chlorophenol	6.57	128	373168	37.809	ng		98
9) Benzaldehyde	6.33	77	159115	19.755	ng		87
10) Phenol	6.43	94	529304	35.591	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	413154	36.807	ng		96
12) 1,3-Dichlorobenzene	6.72	146	372268	35.065	ng	#	94
13) 1,4-Dichlorobenzene	6.80	146	376911	34.907	ng		94
14) 1,2-Dichlorobenzene	6.95	146	351669	35.323	ng		99
15) Benzyl Alcohol	6.92	79	385961	40.541	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	569885	37.734	ng		93
17) 2-Methylphenol	7.03	107	347653	39.971	ng		96
18) Hexachloroethane	7.29	117	154538	36.506	ng	#	80
19) n-Nitroso-di-n-propylamine	7.20	70	317675	36.495	ng		90
20) 3+4-Methylphenols	7.19	107	419121	39.453	ng		97
22) Acetophenone	7.19	105	560277	36.897	ng	#	89
24) Nitrobenzene	7.36	77	479699	40.718	ng		94
25) Isophorone	7.60	82	884675	40.210	ng		97
26) 2-Nitrophenol	7.68	139	188693	44.624	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	354424	38.626	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	553821	38.289	ng		99
29) 2,4-Dichlorophenol	7.92	162	307828	40.415	ng		93
30) 1,2,4-Trichlorobenzene	8.00	180	307634	36.434	ng		100
31) Naphthalene	8.09	128	1095008	36.695	ng		100
32) Benzoic acid	7.84	122	254935	39.449	ng		90
33) 4-Chloroaniline	8.13	127	135044	10.731	ng		97
34) Hexachlorobutadiene	8.20	225	178451	36.197	ng		97
35) Caprolactam	8.51	113	116043m	44.815	ng		
36) 4-Chloro-3-methylphenol	8.62	107	391762	40.033	ng	#	77
37) 2-Methylnaphthalene	8.77	142	730061	39.905	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	289249	34.697	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	346083	86.416	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	219419	39.204	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	226976	40.879	ng		96
45) 1,1'-Biphenyl	9.24	154	871162	35.170	ng		96
46) 2-Chloronaphthalene	9.26	162	644035	35.189	ng	#	92
47) 2-Nitroaniline	9.36	65	258977	42.208	ng		93
48) Acenaphthylene	9.68	152	1072590	37.319	ng		99
49) Dimethylphthalate	9.55	163	790859	39.831	ng		100
50) 2,6-Dinitrotoluene	9.60	165	168527	42.521	ng	#	57
51) Acenaphthene	9.85	154	666002	36.742	ng		99
52) 3-Nitroaniline	9.77	138	89545	17.512	ng		89
53) 2,4-Dinitrophenol	9.87	184	166091	87.071	ng	#	78
54) Dibenzofuran	10.03	168	963191	39.648	ng		99
55) 4-Nitrophenol	9.93	139	317578	77.855	ng	#	38
56) 2,4-Dinitrotoluene	10.01	165	228808	46.002	ng	#	59
57) Fluorene	10.37	166	715396	38.088	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	191049	44.442	ng		95
59) Diethylphthalate	10.25	149	847710	40.826	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	337089	38.631	ng	#	85
61) 4-Nitroaniline	10.39	138	179385	36.910	ng	#	74
62) Azobenzene	10.52	77	1014919	41.149	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	107616	44.004	ng		92
65) n-Nitrosodiphenylamine	10.48	169	673388	37.377	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	215177	39.166	ng		95
67) Hexachlorobenzene	10.91	284	205760	36.745	ng	#	85
68) Atrazine	11.01	200	207964	43.527	ng		97
69) Pentachlorophenol	11.10	266	253414	77.616	ng		99
70) Phenanthrene	11.33	178	1048397	37.188	ng		100
71) Anthracene	11.38	178	1089127	38.089	ng		99
72) Carbazole	11.53	167	1005785	37.056	ng		98
73) Di-n-butylphthalate	11.87	149	1335679	42.723	ng		99
74) Fluoranthene	12.51	202	1086417	36.921	ng		98
76) Benzidine	12.63	184	308293	28.745	ng	#	92
77) Pyrene	12.74	202	1099347	41.092	ng		98
79) Butylbenzylphthalate	13.37	149	529057	51.578	ng	#	76
80) Benzo(a)anthracene	13.92	228	740883	37.791	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	148421	22.435	ng	#	97
82) Chrysene	13.96	228	723942	37.121	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	657194	57.819	ng	#	99
84) Di-n-octyl phthalate	14.54	149	1100501	55.646	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	628921	43.838	ng		94
87) Benzo(b)fluoranthene	14.95	252	621209	38.632	ng		100
88) Benzo(k)fluoranthene	14.98	252	530189	35.095	ng	#	95
89) Benzo(a)pyrene	15.30	252	555786	39.043	ng		98
90) Dibenzo(a,h)anthracene	16.78	278	517105	44.620	ng		98
91) Benzo(g,h,i)perylene	17.19	276	542695	44.879	ng	#	93

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

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