Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099888.D
Acq On : 27 Oct 2017 21:23
Operator : SJ/JU
Sample : PB103670BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 23:03:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB103670BS

Manual Integrations APPROVED
Sohil
10/30/2017 6:16:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117417	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	490272	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	239058	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	431226	20.00	ng		0.00
75) Chrysene-d12	13.99	240	284498	20.00	ng		0.00
86) Perylene-d12	15.46	264	225022	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	564540	75.48	ng		0.01
7) Phenol-d6	6.45	99	672653	75.85	ng		0.00
23) Nitrobenzene-d5	7.36	82	385998	50.69	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	163662	75.12	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	831168	53.64	ng		0.00
78) Terphenyl-d14	12.92	244	746123	57.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	73064	22.123	ng	#	89
3) Pyridine	3.37	79	169475	21.339	ng		87
4) n-Nitrosodimethylamine	3.31	42	64823	22.846	ng	#	71
6) Aniline	6.47	93	132499	11.523	ng	#	91
8) 2-Chlorophenol	6.59	128	207003	25.970	ng		91
9) Benzaldehyde	6.35	77	100415	18.949	ng		90
10) Phenol	6.46	94	243066	24.964	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	186932	24.862	ng		92
12) 1,3-Dichlorobenzene	6.73	146	220401m	24.626	ng		
13) 1,4-Dichlorobenzene	6.81	146	222742	24.522	ng		99
14) 1,2-Dichlorobenzene	6.96	146	204592	24.714	ng		95
15) Benzyl Alcohol	6.95	79	143991	25.532	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	231978	27.775	ng	#	12
17) 2-Methylphenol	7.06	107	164809	24.718	ng	#	92
18) Hexachloroethane	7.30	117	72558	23.943	ng		93
19) n-Nitroso-di-n-propylamine	7.21	70	127362	24.508	ng		90
20) 3+4-Methylphenols	7.22	107	217818	28.057	ng	#	81
22) Acetophenone	7.21	105	267590	23.971	ng	#	95
24) Nitrobenzene	7.39	77	189937	24.754	ng	#	87
25) Isophorone	7.62	82	361908	26.190	ng		96
26) 2-Nitrophenol	7.70	139	116518	26.513	ng		88
27) 2,4-Dimethylphenol	7.74	122	185926	28.713	ng		92
28) bis(2-Chloroethoxy)methane	7.83	93	241078	24.911	ng		98
29) 2,4-Dichlorophenol	7.95	162	181495	26.981	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	180277	25.083	ng		99
31) Naphthalene	8.10	128	590645	24.958	ng		99
32) Benzoic acid	7.89	122	101676	17.839	ng		91
33) 4-Chloroaniline	8.16	127	70841	7.249	ng	#	94
34) Hexachlorobutadiene	8.20	225	88147	23.844	ng		97
35) Caprolactam	8.55	113	56693m	26.800	ng		
36) 4-Chloro-3-methylphenol	8.66	107	179269	26.111	ng		90
37) 2-Methylnaphthalene	8.79	142	422759	26.657	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	170454	22.077	ng		98
40) Hexachlorocyclopentadiene	8.94	237	54893	44.047	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	117387	25.135	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	119620	24.136	ng	#	94
45) 1,1'-Biphenyl	9.26	154	497147	22.988	ng		98
46) 2-Chloronaphthalene	9.29	162	382794	24.373	ng		95
47) 2-Nitroaniline	9.40	65	100140	24.293	ng	#	80
48) Acenaphthylene	9.70	152	581590	24.043	ng		99
49) Dimethylphthalate	9.56	163	446278	23.573	ng		99
50) 2,6-Dinitrotoluene	9.64	165	99728	25.058	ng	#	78
51) Acenaphthene	9.87	154	348894	23.605	ng		99
52) 3-Nitroaniline	9.81	138	54984	11.725	ng		92
53) 2,4-Dinitrophenol	9.94	184	51059	35.915	ng	#	79
54) Dibenzofuran	10.05	168	521437	24.992	ng		99
55) 4-Nitrophenol	10.00	139	97668	39.861	ng	#	79
56) 2,4-Dinitrotoluene	10.05	165	128261	26.761	ng		93
57) Fluorene	10.39	166	427650	24.756	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92864	26.725	ng	#	91
59) Diethylphthalate	10.26	149	445480	24.096	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	195583	24.057	ng		91
61) 4-Nitroaniline	10.44	138	99648	22.273	ng		81
62) Azobenzene	10.54	77	379703	24.501	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	50491	18.627	ng	#	75
65) n-Nitrosodiphenylamine	10.50	169	377569	23.719	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	113549	25.012	ng		94
67) Hexachlorobenzene	10.95	284	115359	24.838	ng	#	87
68) Atrazine	11.03	200	118321	24.745	ng		99
69) Pentachlorophenol	11.15	266	81372	41.002	ng		99
70) Phenanthrene	11.36	178	597442	24.550	ng		99
71) Anthracene	11.41	178	625847	25.335	ng		99
72) Carbazole	11.57	167	565686	24.352	ng		99
73) Di-n-butylphthalate	11.89	149	719653	24.289	ng		98
74) Fluoranthene	12.55	202	614526	24.298	ng		99
76) Benzidine	12.67	184	173925	13.971	ng		98
77) Pyrene	12.79	202	619294	28.627	ng		99
79) Butylbenzylphthalate	13.39	149	275044	25.819	ng		94
80) Benzo(a)anthracene	13.98	228	440994	24.452	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	82440	12.593	ng		99
82) Chrysene	14.02	228	415526	24.507	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	373174	24.945	ng		98
84) Di-n-octyl phthalate	14.56	149	537052	20.916	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.95	276	363706	23.366	ng		97
87) Benzo(b)fluoranthene	15.03	252	342486	24.103	ng		98
88) Benzo(k)fluoranthene	15.06	252	318917	23.802	ng		99
89) Benzo(a)pyrene	15.40	252	317170	24.849	ng		97
90) Dibenzo(a,h)anthracene	16.95	278	304920	26.885	ng		98
91) Benzo(g,h,i)perylene	17.40	276	318832	28.734	ng		98

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

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