Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097600.D
Acq On : 11 Aug 2017 18:04
Operator : SJ/JU
Sample : PB101452BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101452BS

Manual Integrations APPROVED
sohil
8/14/2017 6:39:27 PM

Quant Time: Aug 14 10:36:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	98024	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	422532	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	184160	20.00	ng		0.00
63) Phenanthrene-d10	14.77	188	302736	20.00	ng		0.00
75) Chrysene-d12	18.46	240	231884	20.00	ng		0.00
86) Perylene-d12	20.13	264	182261	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	876638	142.15	ng		0.02
7) Phenol-d6	7.07	99	957697	125.19	ng		0.01
23) Nitrobenzene-d5	8.42	82	549055	81.48	ng		0.00
41) 2,4,6-Tribromophenol	13.67	330	175707	125.51	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	983794	80.62	ng		0.00
78) Terphenyl-d14	17.12	244	773792	69.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	103098	38.524	ng	#	69
3) Pyridine	2.48	79	294017	37.667	ng	#	63
4) n-Nitrosodimethylamine	2.43	42	172249	38.032	ng	#	74
6) Aniline	7.01	93	197158	17.932	ng		97
8) 2-Chlorophenol	7.19	128	287828	40.714	ng		92
9) Benzaldehyde	6.82	77	103452	20.508	ng		99
10) Phenol	7.08	94	351007	41.906	ng		96
11) bis(2-Chloroethyl)ether	7.15	93	241194	35.900	ng		88
12) 1,3-Dichlorobenzene	7.41	146	307765	38.873	ng		99
13) 1,4-Dichlorobenzene	7.53	146	313426	38.893	ng		95
14) 1,2-Dichlorobenzene	7.77	146	288576	39.240	ng		98
15) Benzyl Alcohol	7.80	79	248295	46.969	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	612830	40.628	ng		90
17) 2-Methylphenol	8.03	107	235719	43.021	ng		97
18) Hexachloroethane	8.29	117	107790	39.095	ng	#	79
19) n-Nitroso-di-n-propylamine	8.23	70	222731	41.858	ng	#	84
20) 3+4-Methylphenols	8.30	107	306755	45.715	ng	#	63
22) Acetophenone	8.19	105	409530	41.027	ng	#	98
24) Nitrobenzene	8.45	77	299784	40.824	ng		95
25) Isophorone	8.85	82	565047	45.520	ng		97
26) 2-Nitrophenol	8.96	139	164558	44.304	ng	#	86
27) 2,4-Dimethylphenol	9.10	122	272181	43.943	ng		96
28) bis(2-Chloroethoxy)methane	9.23	93	371692	41.442	ng		98
29) 2,4-Dichlorophenol	9.39	162	248932	45.579	ng		97
30) 1,2,4-Trichlorobenzene	9.47	180	214707	39.652	ng		98
31) Naphthalene	9.57	128	834184	39.415	ng		100
32) Benzoic acid	9.47	122	158859	47.596	ng		95
33) 4-Chloroaniline	9.73	127	84773	9.669	ng		96
34) Hexachlorobutadiene	9.79	225	111456	37.681	ng		97
35) Caprolactam	10.36	113	80641m	45.826	ng		
36) 4-Chloro-3-methylphenol	10.59	107	236989	38.620	ng		89
37) 2-Methylnaphthalene	10.70	142	551029	41.380	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	191966	36.812	ng		99
40) Hexachlorocyclopentadiene	10.96	237	115156	98.629	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	140910	41.013	ng		98
43) 2,4,5-Trichlorophenol	11.29	196	141694	43.664	ng		98
45) 1,1'-Biphenyl	11.47	154	595085	37.664	ng		98
46) 2-Chloronaphthalene	11.49	162	460292	37.942	ng		93
47) 2-Nitroaniline	11.70	65	190349	40.055	ng		96
48) Acenaphthylene	12.14	152	772566	40.059	ng		98
49) Dimethylphthalate	12.02	163	584697	41.197	ng		99
50) 2,6-Dinitrotoluene	12.11	165	126409	43.130	ng	#	65
51) Acenaphthene	12.42	154	439198	38.000	ng		98
52) 3-Nitroaniline	12.37	138	86231	22.471	ng	#	98
53) 2,4-Dinitrophenol	12.59	184	103856	85.959	ng	#	72
54) Dibenzofuran	12.71	168	669432	41.373	ng		99
55) 4-Nitrophenol	12.77	139	143586	98.247	ng	#	53
56) 2,4-Dinitrotoluene	12.78	165	166643	42.599	ng	#	73
57) Fluorene	13.26	166	533910	40.124	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	104550	46.912	ng	#	89
59) Diethylphthalate	13.17	149	535035	39.913	ng		98
60) 4-Chlorophenyl-phenylether	13.29	204	226898	39.942	ng		97
61) 4-Nitroaniline	13.38	138	135570	37.035	ng		94
62) Azobenzene	13.54	77	571206	42.830	ng		94
64) 4,6-Dinitro-2-methylphenol	13.45	198	79218	42.897	ng		88
65) n-Nitrosodiphenylamine	13.50	169	454857	40.658	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	129184	41.131	ng		99
67) Hexachlorobenzene	14.16	284	129163	37.753	ng	#	88
68) Atrazine	14.43	200	136042	48.465	ng		95
69) Pentachlorophenol	14.52	266	75612	139.298	ng		93
70) Phenanthrene	14.80	178	752144	43.137	ng		100
71) Anthracene	14.89	178	775619	43.476	ng		98
72) Carbazole	15.17	167	732929	43.156	ng		99
73) Di-n-butylphthalate	15.76	149	907812	45.667	ng		99
74) Fluoranthene	16.57	202	728218	46.219	ng		99
76) Benzidine	16.79	184	104474	13.671	ng	#	93
77) Pyrene	16.87	202	719278	37.510	ng		99
79) Butylbenzylphthalate	17.79	149	378194	47.177	ng	#	77
80) Benzo(a)anthracene	18.45	228	544513	40.206	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	131617	28.178	ng		98
82) Chrysene	18.50	228	539676	40.064	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	623457	54.680	ng		99
84) Di-n-octyl phthalate	19.31	149	832166m	41.792	ng		
85) Indeno(1,2,3-cd)pyrene	21.35	276	429300	40.976	ng		97
87) Benzo(b)fluoranthene	19.73	252	434058	39.660	ng		97
88) Benzo(k)fluoranthene	19.76	252	446539	40.511	ng		96
89) Benzo(a)pyrene	20.07	252	419078	41.718	ng		98
90) Dibenzo(a,h)anthracene	21.36	278	352089	48.953	ng		98
91) Benzo(g,h,i)perylene	21.70	276	397935	50.434	ng		97

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

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