Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097429.D
Acq On : 7 Aug 2017 15:00
Operator : SJ/JU
Sample : PB101306BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Manual Integrations APPROVED
Sohil
8/9/2017 7:55:49 PM

Quant Time: Aug 07 16:25:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	95825	20.00	ng		0.00
21) Naphthalene-d8	7.70	136	413908	20.00	ng		0.00
38) Acenaphthene-d10	9.44	164	161756	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	244231	20.00	ng		0.00
75) Chrysene-d12	13.53	240	143262	20.00	ng		0.00
86) Perylene-d12	14.87	264	183025	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	817228	128.56	ng		0.01
7) Phenol-d6	6.09	99	924656	127.42	ng		0.00
23) Nitrobenzene-d5	6.99	82	583869	82.75	ng		0.00
41) 2,4,6-Tribromophenol	10.23	330	159589	124.87	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	930038	97.58	ng		0.00
78) Terphenyl-d14	12.49	244	543144	77.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	103248	38.922	ng	#	68
3) Pyridine	2.56	79	291418	35.877	ng	#	62
4) n-Nitrosodimethylamine	2.52	42	166843	37.076	ng	#	73
6) Aniline	6.08	93	170115	18.629	ng	#	75
8) 2-Chlorophenol	6.20	128	288616	42.462	ng		94
9) Benzaldehyde	5.96	77	159815	37.206	ng		99
10) Phenol	6.10	94	356371	41.402	ng		95
11) bis(2-Chloroethyl)ether	6.16	93	288576	42.388	ng		86
12) 1,3-Dichlorobenzene	6.35	146	299518	40.890	ng		98
13) 1,4-Dichlorobenzene	6.43	146	306141	42.173	ng		94
14) 1,2-Dichlorobenzene	6.58	146	260175	41.049	ng		98
15) Benzyl Alcohol	6.58	79	230270	50.119	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	594264	43.521	ng		62
17) 2-Methylphenol	6.71	107	229647	43.777	ng	#	88
18) Hexachloroethane	6.92	117	113020	42.558	ng	#	81
19) n-Nitroso-di-n-propylamine	6.85	70	213896	44.779	ng	#	84
20) 3+4-Methylphenols	6.87	107	323566	47.226	ng	#	64
22) Acetophenone	6.83	105	402089	40.452	ng	#	97
24) Nitrobenzene	7.00	77	301631	41.048	ng		95
25) Isophorone	7.25	82	555360	40.193	ng		97
26) 2-Nitrophenol	7.32	139	160743	40.433	ng	#	82
27) 2,4-Dimethylphenol	7.39	122	264727	40.367	ng		98
28) bis(2-Chloroethoxy)methane	7.46	93	374159	41.495	ng		97
29) 2,4-Dichlorophenol	7.58	162	246215	43.581	ng		96
30) 1,2,4-Trichlorobenzene	7.65	180	221293	41.094	ng		98
31) Naphthalene	7.72	128	815489	41.796	ng		99
32) Benzoic acid	7.56	122	169545	34.622	ng		99
33) 4-Chloroaniline	7.79	127	105006	13.227	ng		97
34) Hexachlorobutadiene	7.84	225	116769	40.902	ng		97
35) Caprolactam	8.16	113	83061m	45.850	ng		
36) 4-Chloro-3-methylphenol	8.30	107	249164	40.425	ng		90
37) 2-Methylnaphthalene	8.41	142	540139	43.723	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	195012	45.183	ng		99
40) Hexachlorocyclopentadiene	8.56	237	62094	44.343	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	135614	43.359	ng		97
43) 2,4,5-Trichlorophenol	8.76	196	133410	42.615	ng		97
45) 1,1'-Biphenyl	8.87	154	598391	43.311	ng		98
46) 2-Chloronaphthalene	8.89	162	459017	45.147	ng	#	92
47) 2-Nitroaniline	9.00	65	172442	46.735	ng		98
48) Acenaphthylene	9.30	152	651996	41.779	ng		99
49) Dimethylphthalate	9.19	163	526113	42.831	ng		98
50) 2,6-Dinitrotoluene	9.25	165	110082	42.254	ng	#	79
51) Acenaphthene	9.47	154	383905	41.763	ng		97
52) 3-Nitroaniline	9.42	138	74408	23.010	ng		96
53) 2,4-Dinitrophenol	9.55	184	88752	74.925	ng	#	73
54) Dibenzofuran	9.65	168	571224	46.653	ng		95
55) 4-Nitrophenol	9.62	139	79897m	41.547	ng		
56) 2,4-Dinitrotoluene	9.66	165	144853	48.366	ng	#	75
57) Fluorene	9.99	166	416439	45.253	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	97530	45.120	ng		97
59) Diethylphthalate	9.88	149	507647	45.047	ng		98
60) 4-Chlorophenyl-phenylether	9.98	204	180681	47.546	ng		99
61) 4-Nitroaniline	10.03	138	113069	36.799	ng		93
62) Azobenzene	10.15	77	511677	48.944	ng		90
64) 4,6-Dinitro-2-methylphenol	10.07	198	66905	44.085	ng	#	82
65) n-Nitrosodiphenylamine	10.11	169	418473	49.245	ng		96
66) 4-Bromophenyl-phenylether	10.47	248	111808	45.873	ng		96
67) Hexachlorobenzene	10.54	284	114530	41.903	ng		94
68) Atrazine	10.65	200	113225	46.465	ng		95
69) Pentachlorophenol	10.74	266	69603	61.547	ng		98
70) Phenanthrene	10.94	178	582825	44.538	ng		98
71) Anthracene	10.99	178	579221	43.216	ng		98
72) Carbazole	11.15	167	549327	41.674	ng		98
73) Di-n-butylphthalate	11.49	149	749713	46.012	ng		98
74) Fluoranthene	12.12	202	495035	38.615	ng		98
76) Benzidine	12.24	184	113003	21.258	ng	#	93
77) Pyrene	12.34	202	479835	40.912	ng		98
79) Butylbenzylphthalate	12.97	149	261126	43.770	ng	#	77
80) Benzo(a)anthracene	13.53	228	398586	42.999	ng		98
81) 3,3'-Dichlorobenzidine	13.49	252	107269	30.687	ng	#	95
82) Chrysene	13.56	228	390575	43.150	ng		99
83) Bis(2-ethylhexyl)phthalate	13.54	149	352103	45.203	ng		98
84) Di-n-octyl phthalate	14.14	149	600784	42.029	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.07	276	395752	50.989	ng		98
87) Benzo(b)fluoranthene	14.53	252	410022	37.268	ng		98
88) Benzo(k)fluoranthene	14.55	252	342686m	32.687	ng		
89) Benzo(a)pyrene	14.82	252	398145	39.540	ng		98
90) Dibenzo(a,h)anthracene	16.07	278	335175	40.591	ng		97
91) Benzo(g,h,i)perylene	16.42	276	359896	41.562	ng		97

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

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