Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100769.D
Acq On : 21 Nov 2017 9:41
Operator : SJ/JU
Sample : I6300-02MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-110617MSD

Manual Integrations APPROVED
SOHIL
11/21/2017 2:17:34 PM

Quant Time: Nov 21 12:07:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	90243	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	350609	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	147551	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	235955	20.00	ng		0.00
75) Chrysene-d12	14.04	240	189603	20.00	ng		0.00
86) Perylene-d12	15.51	264	152750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	581935	103.37	ng		0.02
7) Phenol-d6	6.51	99	639705	92.15	ng		0.00
23) Nitrobenzene-d5	7.44	82	487856	91.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	169799	112.93	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	902469	93.13	ng		0.00
78) Terphenyl-d14	12.98	244	668492	81.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	84173	30.681	ng	#	81
3) Pyridine	3.56	79	192503	25.719	ng		93
4) n-Nitrosodimethylamine	3.52	42	114643	31.547	ng	#	97
6) Aniline	6.54	93	92845	9.467	ng		99
8) 2-Chlorophenol	6.66	128	243970	40.964	ng		97
9) Benzaldehyde	6.43	77	95806	19.325	ng		98
10) Phenol	6.52	94	241605	33.152	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	230598	37.671	ng		99
12) 1,3-Dichlorobenzene	6.82	146	283547	41.295	ng		98
13) 1,4-Dichlorobenzene	6.89	146	285201	41.038	ng		98
14) 1,2-Dichlorobenzene	7.05	146	268900	41.849	ng		98
15) Benzyl Alcohol	7.02	79	209254	38.622	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	405924	41.461	ng		99
17) 2-Methylphenol	7.13	107	201947	39.679	ng		98
18) Hexachloroethane	7.39	117	85043	37.114	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	171858	35.697	ng		93
20) 3+4-Methylphenols	7.27	107	241237	37.457	ng	#	84
22) Acetophenone	7.29	105	338676	39.613	ng	#	98
24) Nitrobenzene	7.46	77	253965	46.528	ng		98
25) Isophorone	7.69	82	462382	41.491	ng		100
26) 2-Nitrophenol	7.77	139	124533	48.588	ng		94
27) 2,4-Dimethylphenol	7.80	122	223225	44.684	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	296871	40.726	ng		99
29) 2,4-Dichlorophenol	8.01	162	212698	44.599	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	230062	44.596	ng		96
31) Naphthalene	8.18	128	922130	54.605	ng		100
32) Benzoic acid	7.92	122	108009	32.093	ng		95
33) 4-Chloroaniline	8.22	127	44446	6.323	ng		98
34) Hexachlorobutadiene	8.29	225	135786	44.270	ng		98
35) Caprolactam	8.60	113	48076m	29.374	ng		
36) 4-Chloro-3-methylphenol	8.70	107	205431	40.107	ng		99
37) 2-Methylnaphthalene	8.87	142	496002	44.241	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	222993	45.569	ng	#	95
40) Hexachlorocyclopentadiene	9.02	237	64861	28.162	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	147008	47.400	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	150611	46.871	ng		94
45) 1,1'-Biphenyl	9.33	154	568355	44.536	ng		98
46) 2-Chloronaphthalene	9.36	162	435791	47.071	ng		94
47) 2-Nitroaniline	9.46	65	125966	46.160	ng		95
48) Acenaphthylene	9.77	152	648150	42.244	ng		99
49) Dimethylphthalate	9.63	163	521537	46.294	ng		99
50) 2,6-Dinitrotoluene	9.70	165	107514	48.213	ng	#	84
51) Acenaphthene	9.95	154	387224	41.498	ng		100
52) 3-Nitroaniline	9.86	138	52418	19.906	ng		88
53) 2,4-Dinitrophenol	9.97	184	17845	29.692	ng	#	15
54) Dibenzofuran	10.12	168	564126	43.135	ng		98
55) 4-Nitrophenol	10.02	139	131861	61.670	ng		92
56) 2,4-Dinitrotoluene	10.10	165	128479	45.670	ng	#	93
57) Fluorene	10.46	166	417147	43.540	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	112588	42.751	ng	#	82
59) Diethylphthalate	10.33	149	485391	43.055	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	210021	44.686	ng		90
61) 4-Nitroaniline	10.48	138	92709	37.129	ng		87
62) Azobenzene	10.61	77	395502	37.248	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	13828	18.104	ng		79
65) n-Nitrosodiphenylamine	10.57	169	393125	47.916	ng		97
66) 4-Bromophenyl-phenylether	10.94	248	127317	50.335	ng	#	88
67) Hexachlorobenzene	11.01	284	124176	46.939	ng	#	82
68) Atrazine	11.09	200	120833	48.654	ng		99
69) Pentachlorophenol	11.20	266	127824	67.384	ng		99
70) Phenanthrene	11.42	178	550916	44.345	ng		98
71) Anthracene	11.47	178	555060	44.038	ng		99
72) Carbazole	11.63	167	483126	41.542	ng		99
73) Di-n-butylphthalate	11.95	149	661229	48.585	ng		99
74) Fluoranthene	12.61	202	535638	40.682	ng		97
76) Benzidine	12.73	184	112749	14.849	ng		96
77) Pyrene	12.84	202	550691	40.745	ng		99
79) Butylbenzylphthalate	13.45	149	241050	43.733	ng		91
80) Benzo(a)anthracene	14.03	228	514700	45.079	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	133080	32.531	ng		98
82) Chrysene	14.06	228	486432	43.995	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	342853	47.294	ng		100
84) Di-n-octyl phthalate	14.62	149	603530	48.461	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	340621	38.087	ng		94
87) Benzo(b)fluoranthene	15.08	252	425182	46.983	ng		98
88) Benzo(k)fluoranthene	15.11	252	405872	47.467	ng	#	96
89) Benzo(a)pyrene	15.45	252	368460	45.927	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	286655	43.690	ng		97
91) Benzo(g,h,i)perylene	17.44	276	274599	42.755	ng		95

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

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