Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101279.D
Acq On : 11 Dec 2017 10:40
Operator : SJ/JU
Sample : PB104879BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 11 12:57:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104879BS

Manual Integrations APPROVED
Sohil
12/12/2017 3:58:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44540	20.00	ng		0.01
21) Naphthalene-d8	8.12	136	176580	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	84156	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	169323	20.00	ng		0.01
75) Chrysene-d12	14.02	240	110371	20.00	ng		0.02
86) Perylene-d12	15.49	264	89985	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	360001	133.56	ng		0.03
7) Phenol-d6	6.48	99	432303	132.10	ng		0.02
23) Nitrobenzene-d5	7.40	82	264123	89.23	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	128006	126.62	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	585141	95.13	ng		0.00
78) Terphenyl-d14	12.95	244	587201	116.37	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	41120	36.893	ng		94
3) Pyridine	3.43	79	116635	40.367	ng		93
4) n-Nitrosodimethylamine	3.39	42	63970	45.330	ng		86
6) Aniline	6.50	93	56590	13.298	ng	#	1
8) 2-Chlorophenol	6.63	128	132472	45.075	ng		93
9) Benzaldehyde	6.39	77	35238	17.593	ng		94
10) Phenol	6.49	94	153634	42.221	ng		88
11) bis(2-Chloroethyl)ether	6.57	93	120831	44.271	ng		98
12) 1,3-Dichlorobenzene	6.77	146	148205	43.308	ng		97
13) 1,4-Dichlorobenzene	6.85	146	151629	42.797	ng		98
14) 1,2-Dichlorobenzene	7.00	146	142934	43.252	ng		97
15) Benzyl Alcohol	6.98	79	112376	44.461	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	182131	49.092	ng		57
17) 2-Methylphenol	7.10	107	106461	44.861	ng	#	89
18) Hexachloroethane	7.34	117	50419	44.294	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	90521	41.073	ng		96
20) 3+4-Methylphenols	7.25	107	140391	45.362	ng	#	78
22) Acetophenone	7.25	105	177616	41.634	ng	#	92
24) Nitrobenzene	7.42	77	132431	45.648	ng		98
25) Isophorone	7.66	82	238556	47.181	ng		98
26) 2-Nitrophenol	7.73	139	73304	46.028	ng		98
27) 2,4-Dimethylphenol	7.77	122	119559	51.896	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	150198	44.198	ng		99
29) 2,4-Dichlorophenol	7.98	162	119582	47.686	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	123772	44.886	ng		99
31) Naphthalene	8.14	128	381283	43.812	ng		100
32) Benzoic acid	7.90	122	20657	11.528	ng		94
33) 4-Chloroaniline	8.19	127	27302	7.808	ng		97
34) Hexachlorobutadiene	8.25	225	72401	42.809	ng		100
35) Caprolactam	8.59	113	33233m	42.524	ng		
36) 4-Chloro-3-methylphenol	8.69	107	119858	46.141	ng		99
37) 2-Methylnaphthalene	8.83	142	267731	45.275	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	124574	40.748	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	69870	64.469	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	83710	46.709	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	90604	47.289	ng	#	90
45) 1,1'-Biphenyl	9.30	154	317728	41.208	ng		96
46) 2-Chloronaphthalene	9.32	162	253875	46.363	ng		98
47) 2-Nitroaniline	9.43	65	71645	44.223	ng		93
48) Acenaphthylene	9.74	152	391275	43.480	ng		99
49) Dimethylphthalate	9.59	163	296027	43.617	ng		99
50) 2,6-Dinitrotoluene	9.67	165	63869	44.680	ng		93
51) Acenaphthene	9.91	154	231195	42.906	ng		98
52) 3-Nitroaniline	9.83	138	33307	20.719	ng		98
53) 2,4-Dinitrophenol	9.96	184	19238	29.419	ng	#	16
54) Dibenzofuran	10.08	168	345102	44.442	ng		98
55) 4-Nitrophenol	10.02	139	78762	72.649	ng		95
56) 2,4-Dinitrotoluene	10.08	165	82949	43.298	ng	#	93
57) Fluorene	10.43	166	282581	44.766	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	68607	44.722	ng	#	86
59) Diethylphthalate	10.29	149	289807	43.292	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	136319	43.738	ng		90
61) 4-Nitroaniline	10.46	138	60276	36.121	ng		90
62) Azobenzene	10.57	77	248995	43.829	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	22519	19.828	ng		76
65) n-Nitrosodiphenylamine	10.54	169	254122	42.541	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	86327	45.548	ng	#	89
67) Hexachlorobenzene	10.98	284	90492	44.550	ng	#	88
68) Atrazine	11.07	200	82164	44.840	ng		96
69) Pentachlorophenol	11.18	266	56702	50.768	ng		98
70) Phenanthrene	11.39	178	404448	43.375	ng		99
71) Anthracene	11.45	178	425927	45.133	ng		99
72) Carbazole	11.60	167	354044	41.060	ng		99
73) Di-n-butylphthalate	11.92	149	462726	42.815	ng		99
74) Fluoranthene	12.59	202	425074	41.125	ng		95
76) Benzidine	12.70	184	44266	12.334	ng		98
77) Pyrene	12.82	202	429174	56.352	ng		99
79) Butylbenzylphthalate	13.42	149	170808	50.869	ng		91
80) Benzo(a)anthracene	14.01	228	321015	46.066	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	45865	19.004	ng	#	98
82) Chrysene	14.04	228	295893	45.720	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	228568	47.741	ng		98
84) Di-n-octyl phthalate	14.59	149	315977	39.638	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	277317	48.197	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	231828	43.012	ng		98
88) Benzo(k)fluoranthene	15.09	252	233532	43.978	ng	#	95
89) Benzo(a)pyrene	15.43	252	220506	45.001	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	228821	52.969	ng		95
91) Benzo(g,h,i)perylene	17.45	276	244322	60.014	ng	#	90

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

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