Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101119.D
Acq On : 5 Dec 2017 12:54
Operator : SJ/JU
Sample : PB104707BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 13:40:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104707BS

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49208	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	200610	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	96886	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	192626	20.00	ng		0.00
75) Chrysene-d12	14.02	240	138954	20.00	ng		0.00
86) Perylene-d12	15.49	264	105365	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	361442	121.38	ng		0.02
7) Phenol-d6	6.49	99	432017	119.49	ng		0.00
23) Nitrobenzene-d5	7.42	82	273512	81.33	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	132939	114.22	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	608751	85.97	ng		0.00
78) Terphenyl-d14	12.96	244	615500	96.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	45398	36.867	ng		94
3) Pyridine	3.47	79	126625	39.667	ng		94
4) n-Nitrosodimethylamine	3.42	42	63854	40.955	ng	#	93
6) Aniline	6.52	93	120093	25.544	ng		97
8) 2-Chlorophenol	6.64	128	135660	41.781	ng		94
9) Benzaldehyde	6.40	77	48294	21.825	ng		98
10) Phenol	6.50	94	161403	40.149	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	120499	39.961	ng		96
12) 1,3-Dichlorobenzene	6.79	146	155366	41.094	ng		98
13) 1,4-Dichlorobenzene	6.86	146	159341	40.707	ng		97
14) 1,2-Dichlorobenzene	7.02	146	149431	40.928	ng		96
15) Benzyl Alcohol	6.99	79	115839	41.484	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	194762	47.516	ng		97
17) 2-Methylphenol	7.10	107	113155	43.159	ng		95
18) Hexachloroethane	7.36	117	51548	40.990	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	92403	37.950	ng		95
20) 3+4-Methylphenols	7.10	107	113155	33.093	ng		82
22) Acetophenone	7.26	105	181789	37.508	ng	#	91
24) Nitrobenzene	7.43	77	136689	41.472	ng		100
25) Isophorone	7.67	82	246998	42.999	ng		97
26) 2-Nitrophenol	7.75	139	76135	42.080	ng		92
27) 2,4-Dimethylphenol	7.79	122	121794	46.534	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	153598	39.785	ng		99
29) 2,4-Dichlorophenol	7.99	162	121077	42.498	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	129936	41.477	ng		98
31) Naphthalene	8.15	128	388837	39.328	ng		99
32) Benzoic acid	7.92	122	62240	30.575	ng		96
33) 4-Chloroaniline	8.20	127	61962	15.597	ng		98
34) Hexachlorobutadiene	8.26	225	78252	40.727	ng		96
35) Caprolactam	8.59	113	35902m	40.436	ng		
36) 4-Chloro-3-methylphenol	8.69	107	121673	41.229	ng		100
37) 2-Methylnaphthalene	8.85	142	275857	41.062	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	129091	36.677	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	75146	60.765	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	87958	42.631	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	91712	41.578	ng		93
45) 1,1'-Biphenyl	9.31	154	324282	36.532	ng		97
46) 2-Chloronaphthalene	9.33	162	264168	41.904	ng		96
47) 2-Nitroaniline	9.43	65	74963	40.192	ng		93
48) Acenaphthylene	9.75	152	402553	38.856	ng		99
49) Dimethylphthalate	9.61	163	309049	39.553	ng		99
50) 2,6-Dinitrotoluene	9.68	165	67831	41.216	ng	#	84
51) Acenaphthene	9.92	154	236872	38.183	ng		99
52) 3-Nitroaniline	9.85	138	41360	22.348	ng		96
53) 2,4-Dinitrophenol	9.96	184	35666	44.429	ng	#	18
54) Dibenzofuran	10.10	168	360520	40.328	ng		97
55) 4-Nitrophenol	10.02	139	90893	72.823	ng		96
56) 2,4-Dinitrotoluene	10.09	165	89531	40.593	ng	#	93
57) Fluorene	10.44	166	288518	39.701	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	75512	42.756	ng	#	87
59) Diethylphthalate	10.31	149	301342	39.100	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	141359	39.396	ng		91
61) 4-Nitroaniline	10.47	138	65910	34.308	ng		89
62) Azobenzene	10.59	77	264807	40.488	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	30832	23.864	ng		83
65) n-Nitrosodiphenylamine	10.55	169	265262	39.034	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	89815	41.656	ng		92
67) Hexachlorobenzene	10.99	284	93178	40.322	ng	#	91
68) Atrazine	11.07	200	88474	42.443	ng		97
69) Pentachlorophenol	11.19	266	87602	68.946	ng		97
70) Phenanthrene	11.40	178	423825	39.954	ng		98
71) Anthracene	11.46	178	442691	41.234	ng		98
72) Carbazole	11.61	167	378572	38.593	ng		99
73) Di-n-butylphthalate	11.93	149	485005	39.447	ng		98
74) Fluoranthene	12.59	202	450087	38.277	ng		96
76) Benzidine	12.71	184	164138	36.325	ng		98
77) Pyrene	12.82	202	450599	46.995	ng		100
79) Butylbenzylphthalate	13.43	149	196711	46.533	ng		87
80) Benzo(a)anthracene	14.02	228	363051	41.381	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	78400	25.803	ng		98
82) Chrysene	14.05	228	332872	40.853	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	267380	44.360	ng		99
84) Di-n-octyl phthalate	14.60	149	421467	41.996	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	272784	37.657	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	268442	42.535	ng		99
88) Benzo(k)fluoranthene	15.09	252	237639	38.219	ng		97
89) Benzo(a)pyrene	15.43	252	239463	41.736	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	231668	45.800	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	225976	47.405	ng	#	92

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

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