Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101164.D
Acq On : 6 Dec 2017 13:43
Operator : SJ/JU
Sample : PB104760BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 14:59:50 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 :
PB104760BS

Manual Integrations APPROVED
Sohil
12/7/2017 11:35:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46278	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	184995	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	90480	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	175197	20.00	ng		0.00
75) Chrysene-d12	14.02	240	137865	20.00	ng		0.00
86) Perylene-d12	15.49	264	98603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	325777	116.32	ng		0.01
7) Phenol-d6	6.49	99	387558	113.98	ng		0.00
23) Nitrobenzene-d5	7.42	82	239262	77.15	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	114840	105.66	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	526920	79.68	ng		0.00
78) Terphenyl-d14	12.96	244	552817	87.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	40394	34.880	ng		97
3) Pyridine	3.47	79	113083	37.668	ng		97
4) n-Nitrosodimethylamine	3.42	42	56958	38.845	ng		87
6) Aniline	6.51	93	93576	21.164	ng		96
8) 2-Chlorophenol	6.63	128	119301	39.069	ng		98
9) Benzaldehyde	6.40	77	39918	19.181	ng		94
10) Phenol	6.50	94	141141	37.331	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	105043	37.041	ng		99
12) 1,3-Dichlorobenzene	6.79	146	135737	38.175	ng		98
13) 1,4-Dichlorobenzene	6.86	146	140267	38.103	ng		97
14) 1,2-Dichlorobenzene	7.02	146	129864	37.821	ng		98
15) Benzyl Alcohol	6.99	79	100645	38.324	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	168520	43.717	ng		97
17) 2-Methylphenol	7.10	107	96489	39.132	ng		97
18) Hexachloroethane	7.36	117	45368	38.360	ng	#	86
19) n-Nitroso-di-n-propylamine	7.26	70	79850	34.871	ng		95
20) 3+4-Methylphenols	7.26	107	124679	38.772	ng	#	65
22) Acetophenone	7.26	105	156523	35.021	ng	#	89
24) Nitrobenzene	7.43	77	118877	39.112	ng		97
25) Isophorone	7.67	82	215081	40.603	ng		98
26) 2-Nitrophenol	7.75	139	64600	38.718	ng		98
27) 2,4-Dimethylphenol	7.79	122	104639	43.354	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	131992	37.074	ng		98
29) 2,4-Dichlorophenol	7.99	162	106027	40.357	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	111599	38.631	ng		96
31) Naphthalene	8.15	128	346219	37.973	ng		100
32) Benzoic acid	7.88	122	16972	9.041	ng		97
33) 4-Chloroaniline	8.20	127	51027	13.929	ng		97
34) Hexachlorobutadiene	8.26	225	65386	36.903	ng		99
35) Caprolactam	8.58	113	30509m	37.263	ng		
36) 4-Chloro-3-methylphenol	8.69	107	106230	39.034	ng		95
37) 2-Methylnaphthalene	8.85	142	239148	38.602	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	110819	33.715	ng	#	97
40) Hexachlorocyclopentadiene	8.99	237	52217	47.305	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	76073	39.481	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	81174	39.406	ng		93
45) 1,1'-Biphenyl	9.30	154	283080	34.148	ng		98
46) 2-Chloronaphthalene	9.33	162	227557	38.653	ng		96
47) 2-Nitroaniline	9.43	65	63622	36.526	ng		99
48) Acenaphthylene	9.75	152	350987	36.277	ng		99
49) Dimethylphthalate	9.61	163	261268	35.805	ng		100
50) 2,6-Dinitrotoluene	9.67	165	58869	38.303	ng		96
51) Acenaphthene	9.92	154	203616	35.146	ng		99
52) 3-Nitroaniline	9.85	138	40113	23.209	ng		91
53) 2,4-Dinitrophenol	9.96	184	13901	21.355	ng	#	15
54) Dibenzofuran	10.09	168	311871	37.356	ng		99
55) 4-Nitrophenol	10.02	139	76811	65.898	ng		96
56) 2,4-Dinitrotoluene	10.09	165	75963	36.880	ng	#	92
57) Fluorene	10.44	166	250571	36.920	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	63217	38.328	ng	#	86
59) Diethylphthalate	10.30	149	254634	35.379	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	121574	36.281	ng		89
61) 4-Nitroaniline	10.46	138	58545	32.631	ng		97
62) Azobenzene	10.59	77	223100	36.526	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	19984	17.006	ng	#	72
65) n-Nitrosodiphenylamine	10.55	169	229039	37.057	ng		94
66) 4-Bromophenyl-phenylether	10.92	248	76015	38.763	ng	#	87
67) Hexachlorobenzene	10.99	284	81269	38.668	ng	#	85
68) Atrazine	11.07	200	72853	38.426	ng		95
69) Pentachlorophenol	11.19	266	55555	48.074	ng		98
70) Phenanthrene	11.40	178	373887	38.753	ng		98
71) Anthracene	11.46	178	386469	39.578	ng		97
72) Carbazole	11.61	167	332732	37.295	ng		99
73) Di-n-butylphthalate	11.93	149	402295	35.975	ng		98
74) Fluoranthene	12.59	202	396488	37.073	ng		95
76) Benzidine	12.71	184	124917	27.864	ng		98
77) Pyrene	12.82	202	405042	42.577	ng		98
79) Butylbenzylphthalate	13.43	149	167694	39.982	ng		95
80) Benzo(a)anthracene	14.01	228	331117	38.039	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	80670	26.760	ng	#	98
82) Chrysene	14.05	228	312683	38.679	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	226426	37.862	ng		99
84) Di-n-octyl phthalate	14.60	149	336247	33.769	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	244044	33.956	ng	#	91
87) Benzo(b)fluoranthene	15.06	252	248199	42.025	ng		98
88) Benzo(k)fluoranthene	15.09	252	218294	37.515	ng	#	96
89) Benzo(a)pyrene	15.43	252	215924	40.214	ng	#	98
90) Dibenzo(a,h)anthracene	17.00	278	204543	43.211	ng	#	93
91) Benzo(g,h,i)perylene	17.43	276	209427	46.946	ng	#	92

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

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