Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109376.D
Acq On : 27 Sep 2018 9:19
Operator : JU/SJ
Sample : PB113192BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Manual Integrations APPROVED
Sohil
9/27/2018 1:31:46 PM

Quant Time: Sep 27 11:46:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106811	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	398106	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	187736	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	318698	20.00	ng		0.00
75) Chrysene-d12	13.85	240	247313	20.00	ng		0.00
86) Perylene-d12	15.24	264	225477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	554171	85.46	ng		0.00
7) Phenol-d6	6.35	99	704358	85.12	ng		0.00
23) Nitrobenzene-d5	7.27	82	644322	95.54	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	164537	88.91	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1120791	90.04	ng		0.00
78) Terphenyl-d14	12.80	244	1001986	99.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	106262	35.579	ng		92
3) Pyridine	3.13	79	310170	40.351	ng		89
4) n-Nitrosodimethylamine	3.06	42	146174	44.684	ng	#	97
6) Aniline	6.37	93	223151	21.078	ng	#	40
8) 2-Chlorophenol	6.49	128	307156	42.593	ng		99
9) Benzaldehyde	6.25	77	154615	29.086	ng		98
10) Phenol	6.36	94	365808	39.036	ng		78
11) bis(2-Chloroethyl)ether	6.45	93	290693	39.643	ng		96
12) 1,3-Dichlorobenzene	6.65	146	332064	39.993	ng		98
13) 1,4-Dichlorobenzene	6.72	146	332407	39.739	ng		99
14) 1,2-Dichlorobenzene	6.88	146	312171	40.456	ng		98
15) Benzyl Alcohol	6.85	79	269693	42.579	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	403515	38.795	ng		94
17) 2-Methylphenol	6.97	107	250134	42.868	ng		95
18) Hexachloroethane	7.22	117	115477	39.184	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	212841	39.254	ng		98
20) 3+4-Methylphenols	7.13	107	302471	42.935	ng		89
22) Acetophenone	7.12	105	422878	45.944	ng	#	96
24) Nitrobenzene	7.29	77	325407	45.381	ng		97
25) Isophorone	7.53	82	590095	48.591	ng		98
26) 2-Nitrophenol	7.61	139	155907	54.979	ng		96
27) 2,4-Dimethylphenol	7.65	122	273255	51.640	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	365606	45.479	ng		99
29) 2,4-Dichlorophenol	7.85	162	258660	46.525	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	266947	42.971	ng		97
31) Naphthalene	8.01	128	866200	46.561	ng		99
32) Benzoic acid	7.79	122	188455	51.785	ng		99
33) 4-Chloroaniline	8.06	127	86548	10.649	ng		98
34) Hexachlorobutadiene	8.13	225	161353	43.084	ng		99
35) Caprolactam	8.44	113	83791m	47.206	ng		
36) 4-Chloro-3-methylphenol	8.56	107	270676	46.267	ng		97
37) 2-Methylnaphthalene	8.70	142	583062	48.618	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	269052	45.031	ng		98
40) Hexachlorocyclopentadiene	8.86	237	120843	46.371	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181683	47.379	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	189064	46.684	ng		94
45) 1,1'-Biphenyl	9.17	154	691869	45.232	ng		98
46) 2-Chloronaphthalene	9.19	162	533038	43.621	ng		97
47) 2-Nitroaniline	9.29	65	164639	47.522	ng		95
48) Acenaphthylene	9.60	152	845396	45.860	ng		100
49) Dimethylphthalate	9.47	163	639298	46.819	ng		99
50) 2,6-Dinitrotoluene	9.53	165	136352	50.420	ng		98
51) Acenaphthene	9.77	154	479610	43.032	ng		99
52) 3-Nitroaniline	9.69	138	83486	26.657	ng		97
53) 2,4-Dinitrophenol	9.80	184	61012	65.363	ng	#	17
54) Dibenzofuran	9.95	168	705507	42.564	ng		96
55) 4-Nitrophenol	9.86	139	197213	83.591	ng		90
56) 2,4-Dinitrotoluene	9.93	165	171084	49.999	ng	#	95
57) Fluorene	10.29	166	525430	44.429	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	151318	47.189	ng		88
59) Diethylphthalate	10.17	149	615499	44.513	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	255307	41.332	ng		96
61) 4-Nitroaniline	10.30	138	118210	38.703	ng		97
62) Azobenzene	10.44	77	597535	41.593	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	44701	36.804	ng		77
65) n-Nitrosodiphenylamine	10.40	169	506094	48.064	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	167441	47.313	ng	#	85
67) Hexachlorobenzene	10.84	284	170103	45.257	ng	#	84
68) Atrazine	10.93	200	162721	50.247	ng		97
69) Pentachlorophenol	11.03	266	171881	76.405	ng		99
70) Phenanthrene	11.24	178	744355	46.778	ng		99
71) Anthracene	11.29	178	755214	46.793	ng		100
72) Carbazole	11.45	167	661627	41.202	ng		100
73) Di-n-butylphthalate	11.79	149	864362	46.757	ng		99
74) Fluoranthene	12.42	202	752831	44.270	ng		98
76) Benzidine	12.55	184	292237	32.774	ng		98
77) Pyrene	12.65	202	759583	42.855	ng		99
79) Butylbenzylphthalate	13.27	149	343315	45.528	ng		98
80) Benzo(a)anthracene	13.83	228	682167	45.794	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	252991	44.688	ng	#	95
82) Chrysene	13.87	228	683654	46.304	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	432455	45.473	ng		100
84) Di-n-octyl phthalate	14.44	149	824703	50.718	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	487763	40.757	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	645319m	52.085	ng		
88) Benzo(k)fluoranthene	14.87	252	566774	48.208	ng		98
89) Benzo(a)pyrene	15.19	252	544430	48.765	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	413960	45.197	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	400723	44.517	ng	#	93

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

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