Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110451.D
Acq On : 3 Nov 2018 10:20
Operator : JU/SJ
Sample : PB114423BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114423BS

Manual Integrations APPROVED
Sohil
11/5/2018 10:32:59 AM

Quant Time: Nov 05 04:12:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76200	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	287172	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	117278	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	190778	20.00	ng		0.00
76) Chrysene-d12	14.13	240	119586	20.00	ng		0.00
87) Perylene-d12	15.66	264	87614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	432318	92.39	ng		0.01
7) Phenol-d6	6.58	99	537428	89.79	ng		0.00
23) Nitrobenzene-d5	7.52	82	483019	99.76	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	98035	84.39	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	855038	114.48	ng		0.00
79) Terphenyl-d14	13.07	244	663087	115.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	73985	30.178	ng		89
3) Pyridine	3.65	79	212507	38.917	ng		87
4) n-Nitrosodimethylamine	3.61	42	107265	46.887	ng		92
6) Aniline	6.62	93	165961	21.286	ng	#	53
8) 2-Chlorophenol	6.74	128	235157	43.590	ng		96
9) Benzaldehyde	6.51	77	153842	46.354	ng		96
10) Phenol	6.60	94	287716	44.972	ng	#	62
11) bis(2-Chloroethyl)ether	6.69	93	213394	40.542	ng		93
12) 1,3-Dichlorobenzene	6.90	146	246348	41.494	ng		97
13) 1,4-Dichlorobenzene	6.97	146	247635	41.242	ng		99
14) 1,2-Dichlorobenzene	7.13	146	234132	42.004	ng		99
15) Benzyl Alcohol	7.09	79	197868	42.984	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	344589	40.946	ng		70
17) 2-Methylphenol	7.20	107	190423	44.290	ng	#	81
18) Hexachloroethane	7.46	117	76316	34.716	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	157211	40.943	ng		97
20) 3+4-Methylphenols	7.36	107	238062	42.836	ng	#	81
22) Acetophenone	7.36	105	318175	48.084	ng	#	94
24) Nitrobenzene	7.54	77	237851	47.583	ng		95
25) Isophorone	7.77	82	424459	51.430	ng		96
26) 2-Nitrophenol	7.86	139	96845	40.714	ng		92
27) 2,4-Dimethylphenol	7.89	122	206645	52.399	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	272860	48.668	ng		99
29) 2,4-Dichlorophenol	8.09	162	182572	45.823	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	201081	45.056	ng		92
31) Naphthalene	8.26	128	644222	48.674	ng		99
32) Benzoic acid	7.99	122	68903	22.606	ng		94
33) 4-Chloroaniline	8.31	127	84817	14.239	ng		98
34) Hexachlorobutadiene	8.37	225	113156	45.665	ng		98
35) Caprolactam	8.68	113	55256m	39.790	ng		
36) 4-Chloro-3-methylphenol	8.79	107	190016	44.103	ng		93
37) 2-Methylnaphthalene	8.95	142	434452	49.612	ng		98
38) 1-Methylnaphthalene	9.05	142	400543	47.332	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	182243	49.873	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	28800	15.414 ng		98
43) 2,4,6-Trichlorophenol	9.23	196	111417	47.273 ng		96
44) 2,4,5-Trichlorophenol	9.27	196	117984	47.358 ng		96
46) 1,1'-Biphenyl	9.42	154	511657	48.245 ng		99
47) 2-Chloronaphthalene	9.45	162	371354	47.736 ng		99
48) 2-Nitroaniline	9.54	65	121966	51.738 ng		97
49) Acenaphthylene	9.86	152	569324	50.669 ng		99
50) Dimethylphthalate	9.71	163	453521	52.387 ng		99
51) 2,6-Dinitrotoluene	9.78	165	83236	44.636 ng		94
52) Acenaphthene	10.03	154	337061	45.345 ng		98
53) 3-Nitroaniline	9.95	138	91256	41.151 ng		94
54) 2,4-Dinitrophenol	10.07	184	6157	12.956 ng		86
55) Dibenzofuran	10.20	168	485152	46.617 ng		97
56) 4-Nitrophenol	10.12	139	162290	98.880 ng		94
57) 2,4-Dinitrotoluene	10.19	165	99733	42.106 ng		92
58) Fluorene	10.55	166	377352	48.719 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	84917	41.818 ng	#	93
60) Diethylphthalate	10.41	149	426376	50.454 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	184143	45.067 ng		100
62) 4-Nitroaniline	10.57	138	94499	42.845 ng		90
63) Azobenzene	10.69	77	381650	45.498 ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	5931	6.805 ng		85
66) n-Nitrosodiphenylamine	10.65	169	326357	52.154 ng		97
67) 4-Bromophenyl-phenylether	11.03	248	103487	50.008 ng		96
68) Hexachlorobenzene	11.10	284	103279	47.037 ng		97
69) Atrazine	11.17	200	103823	52.502 ng		98
70) Pentachlorophenol	11.29	266	78820	61.563 ng		96
71) Phenanthrene	11.52	178	508231	50.913 ng		99
72) Anthracene	11.57	178	522928	52.263 ng		98
73) Carbazole	11.72	167	450750	46.138 ng		99
74) Di-n-butylphthalate	12.03	149	592855	53.731 ng		99
75) Fluoranthene	12.70	202	492073	48.571 ng		99
77) Benzidine	12.83	184	306631	Below Cal		96
78) Pyrene	12.94	202	480525	56.049 ng		98
80) Butylbenzylphthalate	13.53	149	219417	58.965 ng		97
81) Benzo(a)anthracene	14.13	228	361441	50.967 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	111593	45.189 ng		97
83) Chrysene	14.16	228	330601	49.082 ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	295365	58.718 ng		96
85) Di-n-octyl phthalate	14.70	149	453085	57.927 ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	249151	44.587 ng		98
88) Benzo(b)fluoranthene	15.20	252	266203	52.616 ng		99
89) Benzo(k)fluoranthene	15.23	252	269260	54.135 ng		97
90) Benzo(a)pyrene	15.59	252	250100	53.722 ng		98
91) Dibenzo(a,h)anthracene	17.23	278	210678	52.447 ng		99
92) Benzo(g,h,i)perylene	17.70	276	197931	50.003 ng		97

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

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