Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104417.D
Acq On : 10 Apr 2018 19:00
Operator : JU/SJ
Sample : PB108119BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108119BS

Manual Integrations APPROVED
Sohil
4/11/2018 5:17:09 PM

Quant Time: Apr 11 01:12:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 12:04:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132694	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	517033	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	200134	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	298602	20.00	ng		0.00
75) Chrysene-d12	13.98	240	275877	20.00	ng		0.00
86) Perylene-d12	15.44	264	206979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	808795	93.20	ng		0.02
7) Phenol-d6	6.44	99	984051	92.29	ng		0.00
23) Nitrobenzene-d5	7.37	82	597304	75.44	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	177095	85.30	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	996626	78.67	ng		0.00
78) Terphenyl-d14	12.93	244	775895	64.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	113951	28.180	ng		89
3) Pyridine	3.34	79	327240	28.784	ng		87
4) n-Nitrosodimethylamine	3.29	42	115957	29.178	ng	#	78
6) Aniline	6.47	93	181415	12.246	ng		97
8) 2-Chlorophenol	6.59	128	296506	32.371	ng		96
9) Benzaldehyde	6.36	77	202737	36.524	ng		98
10) Phenol	6.45	94	358797	31.714	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	287429	31.837	ng		96
12) 1,3-Dichlorobenzene	6.75	146	317882	30.634	ng		97
13) 1,4-Dichlorobenzene	6.83	146	317015	30.648	ng		99
14) 1,2-Dichlorobenzene	6.98	146	300047	31.302	ng		99
15) Benzyl Alcohol	6.95	79	246786	30.473	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	373501	30.806	ng		93
17) 2-Methylphenol	7.06	107	236568	29.712	ng		99
18) Hexachloroethane	7.32	117	97291	26.380	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	197998	28.417	ng		95
20) 3+4-Methylphenols	7.21	107	289266	29.294	ng	#	81
22) Acetophenone	7.22	105	395687	31.085	ng		96
24) Nitrobenzene	7.39	77	296433	33.909	ng		99
25) Isophorone	7.63	82	481007	28.727	ng		98
26) 2-Nitrophenol	7.71	139	141797	39.843	ng		89
27) 2,4-Dimethylphenol	7.75	122	225793	30.556	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	332543	32.483	ng		99
29) 2,4-Dichlorophenol	7.95	162	226630	32.143	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	242421	31.329	ng		96
31) Naphthalene	8.12	128	751740	29.199	ng		99
32) Benzoic acid	7.85	122	168033	28.499	ng		98
33) 4-Chloroaniline	8.16	127	69220	6.276	ng		97
34) Hexachlorobutadiene	8.23	225	135879	32.059	ng		98
35) Caprolactam	8.53	113	68158m	27.710	ng		
36) 4-Chloro-3-methylphenol	8.65	107	228609	30.238	ng		98
37) 2-Methylnaphthalene	8.80	142	464456	27.890	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	204309	35.662	ng		99
40) Hexachlorocyclopentadiene	8.96	237	47295	14.746	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	139405	35.053	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	140026	31.464	ng		95
45) 1,1'-Biphenyl	9.27	154	579154	34.448	ng		100
46) 2-Chloronaphthalene	9.29	162	447308	33.683	ng		99
47) 2-Nitroaniline	9.39	65	131751	40.118	ng		89
48) Acenaphthylene	9.71	152	627666	30.125	ng		100
49) Dimethylphthalate	9.57	163	523880	33.194	ng		100
50) 2,6-Dinitrotoluene	9.63	165	106143	36.347	ng		91
51) Acenaphthene	9.88	154	376123	29.587	ng		99
52) 3-Nitroaniline	9.80	138	69852	20.432	ng		98
53) 2,4-Dinitrophenol	9.90	184	12774	19.533	ng	#	22
54) Dibenzofuran	10.06	168	553461	31.240	ng		98
55) 4-Nitrophenol	9.96	139	163791	60.989	ng		97
56) 2,4-Dinitrotoluene	10.03	165	122139	31.885	ng		97
57) Fluorene	10.40	166	376164	29.171	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	100583	30.295	ng		93
59) Diethylphthalate	10.27	149	490411	31.201	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	202466	35.255	ng		93
61) 4-Nitroaniline	10.41	138	90156	26.970	ng		98
62) Azobenzene	10.55	77	436716	29.082	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	11706	14.164	ng		86
65) n-Nitrosodiphenylamine	10.51	169	372994	36.027	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	113220	35.647	ng		92
67) Hexachlorobenzene	10.95	284	118333	33.111	ng	#	87
68) Atrazine	11.03	200	112009	35.842	ng		99
69) Pentachlorophenol	11.14	266	129809	58.711	ng		97
70) Phenanthrene	11.36	178	501304	30.146	ng		98
71) Anthracene	11.41	178	503111	29.764	ng		99
72) Carbazole	11.57	167	518863	31.413	ng		99
73) Di-n-butylphthalate	11.90	149	631667	31.306	ng		99
74) Fluoranthene	12.55	202	528218	30.403	ng		98
76) Benzidine	12.68	184	526689	67.610	ng		97
77) Pyrene	12.78	202	550334	26.913	ng		99
79) Butylbenzylphthalate	13.40	149	271521	28.184	ng		99
80) Benzo(a)anthracene	13.97	228	511993	31.065	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	199882	32.527	ng		97
82) Chrysene	14.01	228	503790	29.760	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	383240	30.928	ng		99
84) Di-n-octyl phthalate	14.58	149	689002	33.277	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	341037	23.715	ng		98
87) Benzo(b)fluoranthene	15.02	252	422192	32.296	ng		99
88) Benzo(k)fluoranthene	15.05	252	409495	33.180	ng		98
89) Benzo(a)pyrene	15.38	252	359666	30.750	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	289146	30.099	ng		98
91) Benzo(g,h,i)perylene	17.33	276	275200	29.569	ng		95

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

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