Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104973.D
Acq On : 1 May 2018 10:00
Operator : JU/SJ
Sample : PB108718BSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Manual Integrations APPROVED
Sohil
5/1/2018 7:05:55 PM

Quant Time: May 01 11:36:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122698	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	498975	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	217118	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	344183	20.00	ng		0.00
75) Chrysene-d12	13.97	240	227935	20.00	ng		0.00
86) Perylene-d12	15.43	264	184359	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	637375	79.43	ng		0.01
7) Phenol-d6	6.43	99	778551	78.97	ng		0.00
23) Nitrobenzene-d5	7.36	82	683244	89.41	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	171864	76.31	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1221860	88.90	ng		0.00
78) Terphenyl-d14	12.90	244	904796	90.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	117207	31.347	ng	#	86
3) Pyridine	3.32	79	332386	31.618	ng		85
4) n-Nitrosodimethylamine	3.30	42	130800	35.594	ng		79
6) Aniline	6.46	93	152276	11.117	ng	#	89
8) 2-Chlorophenol	6.58	128	346295	40.887	ng		90
9) Benzaldehyde	6.34	77	113743	19.009	ng		95
10) Phenol	6.45	94	401004	38.333	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	312720	37.460	ng		93
12) 1,3-Dichlorobenzene	6.73	146	359432	37.460	ng		99
13) 1,4-Dichlorobenzene	6.80	146	365835	38.249	ng		99
14) 1,2-Dichlorobenzene	6.96	146	336120	37.922	ng		97
15) Benzyl Alcohol	6.94	79	263348	35.167	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	354446	31.616	ng		51
17) 2-Methylphenol	7.05	107	280923	38.158	ng		93
18) Hexachloroethane	7.30	117	120666	35.384	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	218459	33.908	ng		91
20) 3+4-Methylphenols	7.21	107	345854	37.878	ng	#	76
22) Acetophenone	7.20	105	453237	36.895	ng		99
24) Nitrobenzene	7.38	77	334598	39.660	ng		95
25) Isophorone	7.62	82	613259	37.952	ng		99
26) 2-Nitrophenol	7.69	139	176524	51.396	ng		95
27) 2,4-Dimethylphenol	7.73	122	294897	41.351	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	403346	40.825	ng		98
29) 2,4-Dichlorophenol	7.94	162	280655	41.246	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	289874	38.817	ng		99
31) Naphthalene	8.10	128	946214	38.083	ng		100
32) Benzoic acid	7.91	122	18503m	3.252	ng		
33) 4-Chloroaniline	8.15	127	62877	5.907	ng		96
34) Hexachlorobutadiene	8.20	225	158551	38.762	ng		98
35) Caprolactam	8.53	113	88795m	37.407	ng		
36) 4-Chloro-3-methylphenol	8.65	107	292315	40.064	ng		98
37) 2-Methylnaphthalene	8.79	142	627053	39.016	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	271770	43.727	ng		99
40) Hexachlorocyclopentadiene	8.93	237	55248	15.878	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	178833	41.450	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	184484	38.211	ng		92
45) 1,1'-Biphenyl	9.25	154	741193	40.637	ng		99
46) 2-Chloronaphthalene	9.28	162	571662	39.680	ng		99
47) 2-Nitroaniline	9.39	65	166827	46.825	ng		84
48) Acenaphthylene	9.70	152	831085	36.767	ng		99
49) Dimethylphthalate	9.55	163	707315	41.312	ng		100
50) 2,6-Dinitrotoluene	9.63	165	148411	46.845	ng	#	84
51) Acenaphthene	9.87	154	497342	36.062	ng		99
52) 3-Nitroaniline	9.79	138	73032	19.691	ng		99
53) 2,4-Dinitrophenol	9.91	184	25141	29.446	ng	#	20
54) Dibenzofuran	10.04	168	719524	37.437	ng		97
55) 4-Nitrophenol	9.97	139	173887	59.683	ng		98
56) 2,4-Dinitrotoluene	10.03	165	173813	41.825	ng		96
57) Fluorene	10.38	166	568288	40.622	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	137072	38.055	ng		93
59) Diethylphthalate	10.25	149	659758	38.691	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	270964	43.492	ng		99
61) 4-Nitroaniline	10.41	138	129664	35.755	ng		98
62) Azobenzene	10.53	77	564911	34.676	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	25947	20.457	ng		87
65) n-Nitrosodiphenylamine	10.49	169	511715	42.880	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	160410	43.816	ng		90
67) Hexachlorobenzene	10.93	284	171652	41.669	ng		95
68) Atrazine	11.02	200	161383	44.802	ng		99
69) Pentachlorophenol	11.13	266	123136	48.318	ng		99
70) Phenanthrene	11.35	178	741109	38.665	ng		98
71) Anthracene	11.40	178	759255	38.968	ng		100
72) Carbazole	11.56	167	666779	35.022	ng		99
73) Di-n-butylphthalate	11.87	149	930983	40.030	ng		99
74) Fluoranthene	12.53	202	671724	33.542	ng		99
76) Benzidine	12.66	184	277279	34.462	ng		97
77) Pyrene	12.77	202	660113	39.071	ng		98
79) Butylbenzylphthalate	13.37	149	328315	41.247	ng		99
80) Benzo(a)anthracene	13.96	228	576925	42.368	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	173709	34.214	ng		96
82) Chrysene	14.00	228	551331	39.418	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	459340	44.866	ng		99
84) Di-n-octyl phthalate	14.55	149	745350	43.570	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.89	276	397561	33.460	ng		96
87) Benzo(b)fluoranthene	15.00	252	519406	44.608	ng		98
88) Benzo(k)fluoranthene	15.03	252	456451	41.523	ng		99
89) Benzo(a)pyrene	15.37	252	440078	42.241	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	335225	39.178	ng		97
91) Benzo(g,h,i)perylene	17.33	276	323192	38.986	ng		95

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

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