Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103930.D
Acq On : 26 Mar 2018 17:43
Operator : JU/SJ
Sample : PB107643BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107643BS

Manual Integrations APPROVED
Sohil
3/27/2018 2:15:26 PM

Quant Time: Mar 27 08:05:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132787	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	563052	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	270696	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	501893	20.00	ng	0.00
75) Chrysene-d12	14.17	240	422512	20.00	ng	0.00
86) Perylene-d12	15.71	264	388486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	855645	98.01	ng	0.01
7) Phenol-d6	6.60	99	1060567	99.30	ng	0.00
23) Nitrobenzene-d5	7.54	82	651998	80.75	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	293946	126.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1225893	72.24	ng	0.00
78) Terphenyl-d14	13.10	244	1293491	71.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.91	88	119846	27.879	ng	# 89
3) Pyridine	3.68	79	330938	27.989	ng	# 86
4) n-Nitrosodimethylamine	3.63	42	123849	28.408	ng	# 71
6) Aniline	6.64	93	276458	18.127	ng	96
8) 2-Chlorophenol	6.76	128	325863	35.631	ng	91
9) Benzaldehyde	6.53	77	71954	10.254	ng	93
10) Phenol	6.62	94	399232	35.176	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	299625	31.979	ng	97
12) 1,3-Dichlorobenzene	6.92	146	339207	32.565	ng	98
13) 1,4-Dichlorobenzene	6.99	146	343049	32.775	ng	99
14) 1,2-Dichlorobenzene	7.15	146	323570	33.314	ng	99
15) Benzyl Alcohol	7.11	79	275285	33.265	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	391152	29.352	ng	93
17) 2-Methylphenol	7.22	107	270193	33.176	ng	98
18) Hexachloroethane	7.49	117	122911	33.384	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	211528	30.902	ng	91
20) 3+4-Methylphenols	7.37	107	330544	31.981	ng	94
22) Acetophenone	7.38	105	426696	29.487	ng	# 93
24) Nitrobenzene	7.56	77	324764	34.261	ng	95
25) Isophorone	7.79	82	602561	32.238	ng	99
26) 2-Nitrophenol	7.87	139	179881	49.508	ng	93
27) 2,4-Dimethylphenol	7.90	122	301825	37.694	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	386152	34.118	ng	100
29) 2,4-Dichlorophenol	8.11	162	269904	37.050	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	278353	32.944	ng	97
31) Naphthalene	8.28	128	924698	32.511	ng	99
32) Benzoic acid	8.02	122	215325	40.152	ng	97
33) 4-Chloroaniline	8.32	127	123935	10.386	ng	96
34) Hexachlorobutadiene	8.39	225	148806	32.122	ng	98
35) Caprolactam	8.70	113	89830m	35.811	ng	
36) 4-Chloro-3-methylphenol	8.80	107	290114	36.124	ng	96
37) 2-Methylnaphthalene	8.97	142	624631	34.631	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	261451	33.855	ng	99
40) Hexachlorocyclopentadiene	9.12	237	282501	70.893	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	188217	38.104	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	204572	36.693	ng		94
45) 1,1'-Biphenyl	9.43	154	728831	32.289	ng		99
46) 2-Chloronaphthalene	9.46	162	581973	32.461	ng		98
47) 2-Nitroaniline	9.56	65	174238	38.691	ng		94
48) Acenaphthylene	9.88	152	887297	31.916	ng		100
49) Dimethylphthalate	9.73	163	687402	33.284	ng		100
50) 2,6-Dinitrotoluene	9.80	165	155837	39.753	ng		89
51) Acenaphthene	10.05	154	534748	32.394	ng		99
52) 3-Nitroaniline	9.97	138	106869	24.360	ng		93
53) 2,4-Dinitrophenol	10.08	184	158076	103.939	ng	#	17
54) Dibenzofuran	10.22	168	802221	34.027	ng		98
55) 4-Nitrophenol	10.13	139	271483	72.309	ng		94
56) 2,4-Dinitrotoluene	10.20	165	213600	42.952	ng	#	93
57) Fluorene	10.57	166	627640	34.308	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	165547	41.905	ng		93
59) Diethylphthalate	10.43	149	702790	34.285	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	295854	35.386	ng		93
61) 4-Nitroaniline	10.59	138	166335	37.025	ng		93
62) Azobenzene	10.72	77	634934	30.467	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	102732	52.974	ng		78
65) n-Nitrosodiphenylamine	10.67	169	561708	32.880	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	179992	34.929	ng		95
67) Hexachlorobenzene	11.12	284	199749	33.962	ng		93
68) Atrazine	11.20	200	186807	35.349	ng		99
69) Pentachlorophenol	11.31	266	215504	63.733	ng		98
70) Phenanthrene	11.54	178	910444	33.162	ng		98
71) Anthracene	11.59	178	951448	34.121	ng		100
72) Carbazole	11.74	167	874981	32.284	ng		99
73) Di-n-butylphthalate	12.06	149	1094359	33.652	ng		99
74) Fluoranthene	12.73	202	976091	34.510	ng		100
76) Benzidine	12.85	184	237443	13.176	ng		98
77) Pyrene	12.96	202	977787	31.512	ng		99
79) Butylbenzylphthalate	13.56	149	471236	34.278	ng		100
80) Benzo(a)anthracene	14.16	228	897938	33.574	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	197531	22.080	ng		99
82) Chrysene	14.20	228	834148	32.719	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	645034	32.844	ng		100
84) Di-n-octyl phthalate	14.75	149	1106113	38.713	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	744143	33.423	ng		97
87) Benzo(b)fluoranthene	15.25	252	848089	34.554	ng		98
88) Benzo(k)fluoranthene	15.29	252	754529	31.981	ng		99
89) Benzo(a)pyrene	15.64	252	755666	33.945	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	612670	31.784	ng		98
91) Benzo(g,h,i)perylene	17.79	276	611159	32.591	ng		94

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

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