Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104273.D
Acq On : 5 Apr 2018 17:03
Operator : JU/SJ
Sample : PB107931BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107931BS

Manual Integrations APPROVED
Sohil
4/6/2018 11:57:48 AM

Quant Time: Apr 06 01:18:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	114103	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	476892	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	230347	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	441246	20.00	ng	0.00
75) Chrysene-d12	14.14	240	361818	20.00	ng	0.00
86) Perylene-d12	15.67	264	340185	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	639563	89.39	ng	0.00
7) Phenol-d6	6.59	99	826647	93.91	ng	-0.02
23) Nitrobenzene-d5	7.52	82	760495	97.52	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	260222	101.45	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1471345	100.73	ng	0.00
78) Terphenyl-d14	13.06	244	1455838	92.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.85	88	105312	34.127	ng	# 86
3) Pyridine	3.66	79	201777	25.829	ng	# 81
4) n-Nitrosodimethylamine	3.64	42	48825m	21.027	ng	
6) Aniline	6.63	93	182557	17.324	ng	# 62
8) 2-Chlorophenol	6.74	128	387970	49.432	ng	94
9) Benzaldehyde	6.53	77	43013m	7.095	ng	
10) Phenol	6.60	94	493449	50.592	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	410901	48.889	ng	88
12) 1,3-Dichlorobenzene	6.89	146	358537	40.639	ng	97
13) 1,4-Dichlorobenzene	6.96	146	429420	45.425	ng	100
14) 1,2-Dichlorobenzene	7.11	146	367059	43.199	ng	99
15) Benzyl Alcohol	7.10	79	230084	40.201	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	414264	45.243	ng	# 46
17) 2-Methylphenol	7.20	107	286035	44.777	ng	# 77
18) Hexachloroethane	7.45	117	139982	44.227	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	240964	46.126	ng	90
20) 3+4-Methylphenols	7.36	107	352596	43.249	ng	# 53
22) Acetophenone	7.36	105	514496	44.590	ng	98
24) Nitrobenzene	7.53	77	324840	39.592	ng	99
25) Isophorone	7.76	82	715535	49.790	ng	99
26) 2-Nitrophenol	7.85	139	212435	49.601	ng	90
27) 2,4-Dimethylphenol	7.88	122	336863	54.537	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	443672	49.258	ng	98
29) 2,4-Dichlorophenol	8.09	162	315200	48.856	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	328553	44.884	ng	99
31) Naphthalene	8.25	128	1125227	48.298	ng	100
32) Benzoic acid	8.03	122	115231	25.466	ng	91
33) 4-Chloroaniline	8.33	127	102723	10.458	ng	94
34) Hexachlorobutadiene	8.35	225	170242	42.738	ng	99
35) Caprolactam	8.69	113	88853m	43.434	ng	
36) 4-Chloro-3-methylphenol	8.79	107	347341	50.900	ng	100
37) 2-Methylnaphthalene	8.94	142	709697	46.245	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	323341	45.775	ng	99
40) Hexachlorocyclopentadiene	9.08	237	246762	74.606	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	193943	43.360	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	244454	45.264	ng		97
45) 1,1'-Biphenyl	9.40	154	903512	45.701	ng		98
46) 2-Chloronaphthalene	9.43	162	711401	45.618	ng		99
47) 2-Nitroaniline	9.55	65	202590	45.558	ng		93
48) Acenaphthylene	9.85	152	1036022	43.851	ng		100
49) Dimethylphthalate	9.70	163	814528	44.787	ng		100
50) 2,6-Dinitrotoluene	9.77	165	176660	45.150	ng		95
51) Acenaphthene	10.02	154	581176	42.523	ng		100
52) 3-Nitroaniline	9.97	138	86702	19.277	ng		99
53) 2,4-Dinitrophenol	10.07	184	121425	71.707	ng	#	29
54) Dibenzofuran	10.20	168	905690	45.379	ng		97
55) 4-Nitrophenol	10.14	139	169856	62.982	ng		97
56) 2,4-Dinitrotoluene	10.19	165	228849	45.836	ng		96
57) Fluorene	10.54	166	751475	45.645	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	222943	55.099	ng	#	83
59) Diethylphthalate	10.40	149	804163	46.156	ng		98
60) 4-Chlorophenyl-phenylether	10.52	204	356354	47.128	ng		98
61) 4-Nitroaniline	10.59	138	180586	42.909	ng		93
62) Azobenzene	10.69	77	728569	46.246	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	104752	39.219	ng		79
65) n-Nitrosodiphenylamine	10.65	169	670692	44.882	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	223945	47.439	ng		91
67) Hexachlorobenzene	11.09	284	242292	44.619	ng	#	86
68) Atrazine	11.17	200	211961	46.299	ng		98
69) Pentachlorophenol	11.29	266	233864	78.264	ng		99
70) Phenanthrene	11.51	178	1056658	44.231	ng		98
71) Anthracene	11.56	178	1272685	51.002	ng		99
72) Carbazole	11.72	167	1124843	47.230	ng		99
73) Di-n-butylphthalate	12.02	149	1256573	44.294	ng		99
74) Fluoranthene	12.70	202	1209512	47.631	ng		98
76) Benzidine	12.83	184	367316	35.624	ng		99
77) Pyrene	12.93	202	1178920	45.326	ng		99
79) Butylbenzylphthalate	13.53	149	553679	45.184	ng		97
80) Benzo(a)anthracene	14.13	228	983283	43.432	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	184324	24.597	ng		97
82) Chrysene	14.17	228	1103140	49.748	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	728551	46.016	ng		100
84) Di-n-octyl phthalate	14.70	149	1238370	45.470	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.26	276	891071	38.779	ng		96
87) Benzo(b)fluoranthene	15.22	252	919191	44.398	ng		99
88) Benzo(k)fluoranthene	15.25	252	1021890	52.397	ng		99
89) Benzo(a)pyrene	15.61	252	908059	47.330	ng		99
90) Dibenzo(a,h)anthracene	17.27	278	751205	42.349	ng		98
91) Benzo(g,h,i)perylene	17.74	276	712413	40.097	ng		96

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

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