Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103868.D
Acq On : 23 Mar 2018 9:56
Operator : JU/SJ
Sample : PB107555BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107555BSD

Manual Integrations APPROVED
Sohil
3/26/2018 4:32:46 PM

Quant Time: Mar 23 14:03:07 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	139101	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	571514	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	271411	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	507245	20.00	ng		0.00
75) Chrysene-d12	14.17	240	413032	20.00	ng		0.00
86) Perylene-d12	15.71	264	364747	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1000466	109.40	ng		0.01
7) Phenol-d6	6.60	99	1217105	108.78	ng		0.00
23) Nitrobenzene-d5	7.54	82	751981	91.76	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	339033	145.28	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1372733	80.68	ng		0.00
78) Terphenyl-d14	13.10	244	1486275	83.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	150907	33.511	ng	#	90
3) Pyridine	3.66	79	441319	35.630	ng		88
4) n-Nitrosodimethylamine	3.62	42	170135	37.253	ng	#	78
6) Aniline	6.64	93	356732	22.328	ng		96
8) 2-Chlorophenol	6.76	128	411892	42.993	ng		94
9) Benzaldehyde	6.53	77	114860	15.626	ng		94
10) Phenol	6.62	94	493078	41.472	ng		94
11) bis(2-Chloroethyl)ether	6.71	93	387198	39.450	ng		93
12) 1,3-Dichlorobenzene	6.92	146	428569	39.277	ng		99
13) 1,4-Dichlorobenzene	6.99	146	433545	39.541	ng		99
14) 1,2-Dichlorobenzene	7.15	146	402647	39.574	ng		99
15) Benzyl Alcohol	7.11	79	354893	40.937	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	509711	36.513	ng		93
17) 2-Methylphenol	7.22	107	347276	40.705	ng		97
18) Hexachloroethane	7.49	117	156957	40.696	ng		100
19) n-Nitroso-di-n-propylamine	7.38	70	269261	37.551	ng		94
20) 3+4-Methylphenols	7.37	107	418117	38.617	ng		96
22) Acetophenone	7.38	105	544608	37.078	ng	#	94
24) Nitrobenzene	7.56	77	417630	43.406	ng		97
25) Isophorone	7.79	82	780135	41.121	ng		99
26) 2-Nitrophenol	7.87	139	227500	59.364	ng	#	88
27) 2,4-Dimethylphenol	7.90	122	390799	48.083	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	500669	43.581	ng		100
29) 2,4-Dichlorophenol	8.11	162	347134	46.946	ng		100
30) 1,2,4-Trichlorobenzene	8.20	180	348108	40.590	ng		99
31) Naphthalene	8.28	128	1158930	40.143	ng		99
32) Benzoic acid	8.02	122	259648	45.838	ng		95
33) 4-Chloroaniline	8.32	127	122297	10.097	ng		96
34) Hexachlorobutadiene	8.39	225	186757	39.717	ng		98
35) Caprolactam	8.70	113	120725m	47.414	ng		
36) 4-Chloro-3-methylphenol	8.80	107	377517	46.312	ng		95
37) 2-Methylnaphthalene	8.97	142	782011	42.714	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	326032	42.106	ng		99
40) Hexachlorocyclopentadiene	9.12	237	362230	90.661	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	241816	48.825	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	260390	46.581	ng		95
45) 1,1'-Biphenyl	9.43	154	914353	40.401	ng		100
46) 2-Chloronaphthalene	9.46	162	739324	41.130	ng		100
47) 2-Nitroaniline	9.56	65	228117	48.438	ng		98
48) Acenaphthylene	9.88	152	1125323	40.371	ng		99
49) Dimethylphthalate	9.73	163	894840	43.214	ng		99
50) 2,6-Dinitrotoluene	9.80	165	203797	50.638	ng		94
51) Acenaphthene	10.05	154	661504	39.968	ng		100
52) 3-Nitroaniline	9.97	138	100674	23.118	ng		97
53) 2,4-Dinitrophenol	10.08	184	200493	118.316	ng	#	18
54) Dibenzofuran	10.23	168	1009884	42.722	ng		99
55) 4-Nitrophenol	10.13	139	367702	95.935	ng		87
56) 2,4-Dinitrotoluene	10.21	165	276270	53.606	ng	#	86
57) Fluorene	10.57	166	794829	43.332	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	213943	54.013	ng		94
59) Diethylphthalate	10.43	149	862892	41.985	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	367568	43.847	ng		97
61) 4-Nitroaniline	10.59	138	225046	48.651	ng		91
62) Azobenzene	10.72	77	816556	39.078	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	131243	61.889	ng		87
65) n-Nitrosodiphenylamine	10.68	169	718832	41.633	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	232715	44.684	ng	#	89
67) Hexachlorobenzene	11.12	284	253475	42.642	ng	#	87
68) Atrazine	11.20	200	242220	45.351	ng		99
69) Pentachlorophenol	11.32	266	276718	80.973	ng		98
70) Phenanthrene	11.54	178	1156601	41.683	ng		99
71) Anthracene	11.59	178	1202508	42.669	ng		100
72) Carbazole	11.74	167	1134228	41.408	ng		100
73) Di-n-butylphthalate	12.06	149	1391142	42.327	ng		99
74) Fluoranthene	12.73	202	1236753	43.264	ng		99
76) Benzidine	12.84	184	410832	23.322	ng		98
77) Pyrene	12.96	202	1268621	41.823	ng		99
79) Butylbenzylphthalate	13.57	149	623542	46.398	ng		99
80) Benzo(a)anthracene	14.16	228	1124486	43.010	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	196258	22.442	ng		97
82) Chrysene	14.20	228	1047009	42.010	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	866019	45.108	ng		100
84) Di-n-octyl phthalate	14.75	149	1427650	51.114	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	895018	41.122	ng		97
87) Benzo(b)fluoranthene	15.25	252	1033812	44.863	ng		97
88) Benzo(k)fluoranthene	15.29	252	925423	41.777	ng		99
89) Benzo(a)pyrene	15.64	252	902674	43.188	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	743972	41.108	ng		99
91) Benzo(g,h,i)perylene	17.79	276	741409	42.110	ng		96

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

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