Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104126.D
Acq On : 2 Apr 2018 11:18
Operator : JU/SJ
Sample : PB107878BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107878BS

Manual Integrations APPROVED
Sohil
4/3/2018 2:28:53 PM

Quant Time: Apr 02 13:50:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94870	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	403341	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	197780	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	383857	20.00	ng		0.00
75) Chrysene-d12	14.15	240	325833	20.00	ng		0.00
86) Perylene-d12	15.69	264	303889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	735455	123.63	ng		0.01
7) Phenol-d6	6.60	99	886911	121.18	ng		0.00
23) Nitrobenzene-d5	7.53	82	561724	85.17	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	280762	127.49	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1124063	89.62	ng		0.00
78) Terphenyl-d14	13.08	244	1280255	90.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	81172	31.637	ng	#	90
3) Pyridine	3.65	79	219463m	33.788	ng		
4) n-Nitrosodimethylamine	3.62	42	73407m	38.022	ng		
6) Aniline	6.63	93	113282	12.929	ng	#	63
8) 2-Chlorophenol	6.75	128	278195	42.631	ng		95
9) Benzaldehyde	6.52	77	76480	16.770	ng		97
10) Phenol	6.61	94	309806	38.203	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	208377	29.819	ng		93
12) 1,3-Dichlorobenzene	6.90	146	272753	37.183	ng		99
13) 1,4-Dichlorobenzene	6.97	146	308864	39.296	ng		100
14) 1,2-Dichlorobenzene	7.13	146	283136	40.078	ng		99
15) Benzyl Alcohol	7.10	79	195958	41.179	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	303045	39.806	ng		50
17) 2-Methylphenol	7.22	107	214327	40.354	ng	#	88
18) Hexachloroethane	7.46	117	105810	40.207	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	179876	41.413	ng		93
20) 3+4-Methylphenols	7.37	107	286189	42.221	ng	#	54
22) Acetophenone	7.37	105	390691	40.035	ng	#	99
24) Nitrobenzene	7.55	77	259194	37.351	ng		97
25) Isophorone	7.77	82	501597	41.268	ng		99
26) 2-Nitrophenol	7.86	139	151271	41.761	ng		95
27) 2,4-Dimethylphenol	7.89	122	239484	45.842	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	322539	42.340	ng		99
29) 2,4-Dichlorophenol	8.10	162	234404	42.958	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	244660	39.518	ng		98
31) Naphthalene	8.26	128	831878	42.217	ng		100
32) Benzoic acid	8.03	122	138521	36.196	ng		92
33) 4-Chloroaniline	8.33	127	45868	5.521	ng	#	95
34) Hexachlorobutadiene	8.37	225	131186	38.939	ng		99
35) Caprolactam	8.69	113	73229m	42.325	ng		
36) 4-Chloro-3-methylphenol	8.80	107	260588	45.151	ng		97
37) 2-Methylnaphthalene	8.95	142	534688	41.195	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	243334	40.121	ng		99
40) Hexachlorocyclopentadiene	9.10	237	220380	77.385	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	152035	39.588	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	186665	40.255	ng		98
45) 1,1'-Biphenyl	9.42	154	679999	40.059	ng		98
46) 2-Chloronaphthalene	9.45	162	528271	39.453	ng		99
47) 2-Nitroaniline	9.55	65	151009	39.550	ng		92
48) Acenaphthylene	9.86	152	786511	38.772	ng		99
49) Dimethylphthalate	9.72	163	620467	39.734	ng		100
50) 2,6-Dinitrotoluene	9.79	165	140791	41.908	ng		93
51) Acenaphthene	10.03	154	445547	37.968	ng		98
52) 3-Nitroaniline	9.97	138	46745	12.104	ng		96
53) 2,4-Dinitrophenol	10.07	184	145001	97.552	ng	#	26
54) Dibenzofuran	10.21	168	706653	41.237	ng		98
55) 4-Nitrophenol	10.14	139	173963	75.127	ng		99
56) 2,4-Dinitrotoluene	10.20	165	184142	42.955	ng	#	96
57) Fluorene	10.55	166	580219	41.046	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	154764	44.547	ng	#	87
59) Diethylphthalate	10.42	149	614389	41.071	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	277746	42.780	ng		94
61) 4-Nitroaniline	10.59	138	141694	39.212	ng		94
62) Azobenzene	10.70	77	559549	41.366	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	89879	38.681	ng		80
65) n-Nitrosodiphenylamine	10.66	169	518770	39.905	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	160703	39.132	ng	#	90
67) Hexachlorobenzene	11.10	284	184436	39.042	ng	#	85
68) Atrazine	11.19	200	170803	42.887	ng		99
69) Pentachlorophenol	11.30	266	188544	72.531	ng		97
70) Phenanthrene	11.52	178	833451	40.104	ng		99
71) Anthracene	11.57	178	936240	43.129	ng		99
72) Carbazole	11.73	167	855924	41.312	ng		100
73) Di-n-butylphthalate	12.04	149	995137	40.323	ng		99
74) Fluoranthene	12.72	202	949717	42.992	ng		97
76) Benzidine	12.84	184	254081	27.363	ng		97
77) Pyrene	12.94	202	918456	39.212	ng		99
79) Butylbenzylphthalate	13.54	149	443347	40.176	ng		98
80) Benzo(a)anthracene	14.14	228	820081	40.224	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	88691	13.142	ng		97
82) Chrysene	14.18	228	837436	41.937	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	598277	41.961	ng		99
84) Di-n-octyl phthalate	14.72	149	1016130	41.430	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.29	276	728789	35.219	ng		96
87) Benzo(b)fluoranthene	15.23	252	742577	40.151	ng		99
88) Benzo(k)fluoranthene	15.27	252	780951	44.826	ng		98
89) Benzo(a)pyrene	15.63	252	719724	41.994	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	609838	38.486	ng		98
91) Benzo(g,h,i)perylene	17.76	276	588854	37.101	ng		96

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

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