Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104876.D
Acq On : 27 Apr 2018 11:25
Operator : JU/SJ
Sample : PB108604BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108604BS

Manual Integrations APPROVED
Sohil
4/27/2018 7:30:26 PM

Quant Time: Apr 27 14:18:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109074	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	421637	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	171335	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	261347	20.00	ng		0.00
75) Chrysene-d12	13.98	240	205589	20.00	ng		0.00
86) Perylene-d12	15.44	264	148332	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	823750	115.48	ng		0.01
7) Phenol-d6	6.45	99	987559	112.68	ng		0.00
23) Nitrobenzene-d5	7.37	82	603744	93.50	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	194635	109.51	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1027589	94.75	ng		0.00
78) Terphenyl-d14	12.92	244	809582	89.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	110222	33.161	ng	#	87
3) Pyridine	3.32	79	316586	33.877	ng	#	85
4) n-Nitrosodimethylamine	3.28	42	123328	37.752	ng		79
6) Aniline	6.46	93	200501	16.466	ng	#	13
8) 2-Chlorophenol	6.59	128	307109	40.790	ng		96
9) Benzaldehyde	6.35	77	124708	24.744	ng		94
10) Phenol	6.46	94	357274	38.418	ng		86
11) bis(2-Chloroethyl)ether	6.54	93	279609	37.677	ng		93
12) 1,3-Dichlorobenzene	6.74	146	321564	37.700	ng		98
13) 1,4-Dichlorobenzene	6.82	146	327840	38.558	ng		99
14) 1,2-Dichlorobenzene	6.97	146	301944	38.321	ng		99
15) Benzyl Alcohol	6.95	79	243218	36.536	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	326008	32.711	ng		77
17) 2-Methylphenol	7.06	107	246228	37.622	ng	#	93
18) Hexachloroethane	7.30	117	92285	30.442	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	190589	33.277	ng		92
20) 3+4-Methylphenols	7.22	107	305480	37.635	ng	#	72
22) Acetophenone	7.21	105	408512	39.354	ng		99
24) Nitrobenzene	7.39	77	303935	42.633	ng		99
25) Isophorone	7.62	82	537791	39.386	ng		99
26) 2-Nitrophenol	7.70	139	145596	50.166	ng		91
27) 2,4-Dimethylphenol	7.74	122	261624	43.415	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	352738	42.252	ng		99
29) 2,4-Dichlorophenol	7.95	162	241029	41.919	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	249848	39.594	ng		98
31) Naphthalene	8.10	128	833684	39.708	ng		100
32) Benzoic acid	7.86	122	107851	22.431	ng		99
33) 4-Chloroaniline	8.16	127	93419	10.386	ng		97
34) Hexachlorobutadiene	8.22	225	137654	39.826	ng		99
35) Caprolactam	8.53	113	75217m	37.499	ng		
36) 4-Chloro-3-methylphenol	8.65	107	244882	39.719	ng		97
37) 2-Methylnaphthalene	8.80	142	532576	39.216	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	224127	45.697	ng		98
40) Hexachlorocyclopentadiene	8.94	237	13002	4.735	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	145308	42.679	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	154962	40.673	ng		95
45) 1,1'-Biphenyl	9.26	154	610748	42.433	ng		98
46) 2-Chloronaphthalene	9.29	162	471911	41.509	ng		99
47) 2-Nitroaniline	9.39	65	139568	49.641	ng		89
48) Acenaphthylene	9.70	152	680013	38.123	ng		99
49) Dimethylphthalate	9.56	163	568739	42.094	ng		99
50) 2,6-Dinitrotoluene	9.63	165	116173	46.468	ng	#	85
51) Acenaphthene	9.87	154	397040	36.482	ng		99
52) 3-Nitroaniline	9.80	138	76695	26.204	ng		93
53) 2,4-Dinitrophenol	9.92	184	10862	19.445	ng	#	24
54) Dibenzofuran	10.05	168	583812	38.492	ng		97
55) 4-Nitrophenol	9.97	139	153237	66.650	ng		99
56) 2,4-Dinitrotoluene	10.04	165	134255	40.939	ng		98
57) Fluorene	10.39	166	444555	40.269	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	105259	37.032	ng		95
59) Diethylphthalate	10.26	149	523672	38.917	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	213231	43.371	ng		97
61) 4-Nitroaniline	10.42	138	100273	35.039	ng		95
62) Azobenzene	10.54	77	443028	34.461	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	12283	15.520	ng	#	70
65) n-Nitrosodiphenylamine	10.50	169	398742	44.004	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	122659	44.124	ng		96
67) Hexachlorobenzene	10.94	284	128463	41.069	ng	#	91
68) Atrazine	11.03	200	122575	44.814	ng		99
69) Pentachlorophenol	11.14	266	105352	54.442	ng		98
70) Phenanthrene	11.36	178	583976	40.124	ng		99
71) Anthracene	11.41	178	596852	40.343	ng		99
72) Carbazole	11.57	167	550807	38.100	ng		99
73) Di-n-butylphthalate	11.89	149	692959	39.239	ng		99
74) Fluoranthene	12.55	202	591229	38.880	ng		100
76) Benzidine	12.67	184	424006	78.500	ng		97
77) Pyrene	12.78	202	616557	40.459	ng		99
79) Butylbenzylphthalate	13.39	149	288922	40.244	ng		99
80) Benzo(a)anthracene	13.97	228	534075	43.484	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	193061	42.158	ng		96
82) Chrysene	14.01	228	511445	40.541	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	387229	41.933	ng		99
84) Di-n-octyl phthalate	14.56	149	672339	43.574	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.91	276	355915	33.211	ng		96
87) Benzo(b)fluoranthene	15.02	252	403869	43.110	ng		100
88) Benzo(k)fluoranthene	15.05	252	396523	44.832	ng		96
89) Benzo(a)pyrene	15.39	252	356250	42.500	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	300898	43.707	ng		98
91) Benzo(g,h,i)perylene	17.35	276	299267	44.868	ng		94

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

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