Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104104.D
Acq On : 30 Mar 2018 20:27
Operator : JU/SJ
Sample : PB107829BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107829BS

Manual Integrations APPROVED
Sohil
4/2/2018 5:05:49 PM

Quant Time: Mar 30 23:56:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	120083	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	518668	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	239934	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	444807	20.00	ng		0.00
75) Chrysene-d12	14.14	240	306143	20.00	ng		0.00
86) Perylene-d12	15.68	264	246565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	938456	124.63	ng		0.02
7) Phenol-d6	6.60	99	1156253	124.81	ng		0.00
23) Nitrobenzene-d5	7.53	82	731188	86.21	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	335019	125.40	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1437712	94.49	ng		0.00
78) Terphenyl-d14	13.07	244	1365287	102.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	115014	35.415	ng	#	86
3) Pyridine	3.67	79	258758	31.473	ng	#	85
4) n-Nitrosodimethylamine	3.65	42	89339m	36.558	ng		
6) Aniline	6.63	93	237933	21.454	ng	#	83
8) 2-Chlorophenol	6.75	128	381361	46.170	ng		94
9) Benzaldehyde	6.52	77	110404	19.571	ng		96
10) Phenol	6.61	94	422876	41.198	ng		95
11) bis(2-Chloroethyl)ether	6.69	93	382845	43.283	ng		93
12) 1,3-Dichlorobenzene	6.90	146	373115	40.185	ng		99
13) 1,4-Dichlorobenzene	6.97	146	426813	42.901	ng		99
14) 1,2-Dichlorobenzene	7.13	146	386192	43.188	ng		98
15) Benzyl Alcohol	7.10	79	257068	42.679	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	404996	42.028	ng		53
17) 2-Methylphenol	7.21	107	291804	43.406	ng	#	88
18) Hexachloroethane	7.46	117	143048	42.945	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	241224	43.876	ng		94
20) 3+4-Methylphenols	7.36	107	391048	45.577	ng	#	70
22) Acetophenone	7.37	105	519130	41.368	ng	#	98
24) Nitrobenzene	7.55	77	352023	39.449	ng		96
25) Isophorone	7.77	82	686720	43.936	ng		98
26) 2-Nitrophenol	7.86	139	211860	45.483	ng		93
27) 2,4-Dimethylphenol	7.89	122	333670	49.669	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	454634	46.410	ng		99
29) 2,4-Dichlorophenol	8.10	162	322737	45.995	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	338857	42.563	ng		98
31) Naphthalene	8.26	128	1113210	43.933	ng		100
32) Benzoic acid	8.03	122	180227m	36.622	ng		
33) 4-Chloroaniline	8.32	127	109720	10.271	ng		94
34) Hexachlorobutadiene	8.36	225	178384	41.175	ng		98
35) Caprolactam	8.69	113	88642m	39.841	ng		
36) 4-Chloro-3-methylphenol	8.80	107	336204	45.300	ng		98
37) 2-Methylnaphthalene	8.95	142	723973	43.376	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	330416	44.908	ng		99
40) Hexachlorocyclopentadiene	9.10	237	272912	78.883	ng		98

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	199171	42.750	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	235749	41.908	ng		95
45) 1,1'-Biphenyl	9.42	154	888049	43.124	ng		99
46) 2-Chloronaphthalene	9.45	162	701942	43.213	ng		99
47) 2-Nitroaniline	9.55	65	194766	42.049	ng		92
48) Acenaphthylene	9.86	152	1023955	41.609	ng		99
49) Dimethylphthalate	9.72	163	802624	42.369	ng		100
50) 2,6-Dinitrotoluene	9.79	165	175355	43.026	ng		95
51) Acenaphthene	10.03	154	582616	40.925	ng		99
52) 3-Nitroaniline	9.97	138	92116	19.662	ng		97
53) 2,4-Dinitrophenol	10.07	184	97321	56.460	ng	#	29
54) Dibenzofuran	10.21	168	900736	43.328	ng		99
55) 4-Nitrophenol	10.14	139	206977	73.680	ng		98
56) 2,4-Dinitrotoluene	10.20	165	225964	43.450	ng	#	97
57) Fluorene	10.55	166	727354	42.415	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	207089	49.136	ng	#	83
59) Diethylphthalate	10.42	149	769015	42.375	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	349172	44.333	ng		93
61) 4-Nitroaniline	10.59	138	164842	37.603	ng		95
62) Azobenzene	10.70	77	713023	43.451	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	84477	31.375	ng		79
65) n-Nitrosodiphenylamine	10.66	169	642766	42.669	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	207711	43.648	ng		96
67) Hexachlorobenzene	11.10	284	229907	41.999	ng	#	90
68) Atrazine	11.19	200	207447	44.951	ng		99
69) Pentachlorophenol	11.30	266	210117	69.754	ng		98
70) Phenanthrene	11.52	178	996180	41.366	ng		98
71) Anthracene	11.57	178	1107021	44.008	ng		99
72) Carbazole	11.73	167	995259	41.455	ng		98
73) Di-n-butylphthalate	12.04	149	1184811	41.430	ng		99
74) Fluoranthene	12.71	202	1051333	41.070	ng		99
76) Benzidine	12.84	184	394574	45.227	ng		98
77) Pyrene	12.94	202	1039768	47.246	ng		99
79) Butylbenzylphthalate	13.54	149	494229	47.668	ng		92
80) Benzo(a)anthracene	14.13	228	820655	42.841	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	134775	21.256	ng		99
82) Chrysene	14.17	228	824544	43.947	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	665612	49.686	ng		99
84) Di-n-octyl phthalate	14.72	149	1098324	47.661	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.26	276	715031	36.777	ng		96
87) Benzo(b)fluoranthene	15.22	252	658893	43.910	ng		99
88) Benzo(k)fluoranthene	15.26	252	674704	47.731	ng		98
89) Benzo(a)pyrene	15.62	252	632453	45.482	ng		99
90) Dibenzo(a,h)anthracene	17.27	278	601173	46.760	ng		96
91) Benzo(g,h,i)perylene	17.74	276	596004	46.282	ng		95

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

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