Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104058.D
Acq On : 29 Mar 2018 18:28
Operator : JU/SJ
Sample : J2093-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-G0-G0A-G01-G01AMS

Manual Integrations APPROVED
Sohil
3/30/2018 6:01:20 PM

Quant Time: Mar 30 04:35:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115848	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	485270	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	216281	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	350497	20.00	ng		0.00
75) Chrysene-d12	14.16	240	237370	20.00	ng		0.00
86) Perylene-d12	15.70	264	212427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	797286	109.75	ng		0.00
7) Phenol-d6	6.60	99	991675	110.96	ng		0.00
23) Nitrobenzene-d5	7.53	82	608287	76.66	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	238908	99.20	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1098121	80.06	ng		0.00
78) Terphenyl-d14	13.09	244	834265	81.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	85483	27.284	ng	#	85
3) Pyridine	3.68	79	131432	16.571	ng		86
4) n-Nitrosodimethylamine	3.65	42	63179m	26.798	ng		
6) Aniline	6.64	93	293079	27.393	ng	#	84
8) 2-Chlorophenol	6.76	128	285218	35.793	ng		97
9) Benzaldehyde	6.53	77	95300	17.170	ng		97
10) Phenol	6.62	94	370386	37.403	ng		95
11) bis(2-Chloroethyl)ether	6.70	93	301396	35.320	ng		91
12) 1,3-Dichlorobenzene	6.91	146	281299	31.404	ng		99
13) 1,4-Dichlorobenzene	6.99	146	321749	33.523	ng		99
14) 1,2-Dichlorobenzene	7.14	146	283481	32.860	ng		97
15) Benzyl Alcohol	7.11	79	191945	33.032	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	312407	33.605	ng		66
17) 2-Methylphenol	7.22	107	217219	33.492	ng		94
18) Hexachloroethane	7.47	117	89432	27.830	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	182914	34.486	ng		93
20) 3+4-Methylphenols	7.37	107	287961	34.789	ng	#	54
22) Acetophenone	7.37	105	400688	34.127	ng	#	96
24) Nitrobenzene	7.55	77	265578	31.810	ng		99
25) Isophorone	7.78	82	523330	35.787	ng		99
26) 2-Nitrophenol	7.87	139	133632	30.663	ng		93
27) 2,4-Dimethylphenol	7.90	122	237176	37.735	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	329744	35.978	ng		100
29) 2,4-Dichlorophenol	8.11	162	234826	35.770	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	246934	33.151	ng		96
31) Naphthalene	8.27	128	842246	35.527	ng		99
32) Benzoic acid	8.01	122	83800	18.200	ng	#	84
33) 4-Chloroaniline	8.33	127	266981	26.712	ng		95
34) Hexachlorobutadiene	8.37	225	129270	31.892	ng		99
35) Caprolactam	8.69	113	65877	31.647	ng	#	76
36) 4-Chloro-3-methylphenol	8.80	107	241402	34.765	ng		97
37) 2-Methylnaphthalene	8.96	142	523245	33.507	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	231289	34.873	ng		98
40) Hexachlorocyclopentadiene	9.10	237	38196	16.798	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	136677	32.544	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	172946	34.106	ng		97
45) 1,1'-Biphenyl	9.42	154	632457	34.071	ng		100
46) 2-Chloronaphthalene	9.46	162	495401	33.833	ng		97
47) 2-Nitroaniline	9.56	65	145640	34.881	ng		97
48) Acenaphthylene	9.87	152	721436	32.522	ng		99
49) Dimethylphthalate	9.72	163	656663	38.455	ng		99
50) 2,6-Dinitrotoluene	9.79	165	117778	32.059	ng		93
51) Acenaphthene	10.04	154	420313	32.753	ng		99
52) 3-Nitroaniline	9.97	138	126408	29.932	ng		98
53) 2,4-Dinitrophenol	10.09	184	10215	11.498	ng	#	75
54) Dibenzofuran	10.22	168	634183	33.842	ng		99
55) 4-Nitrophenol	10.15	139	138173	54.566	ng		92
56) 2,4-Dinitrotoluene	10.20	165	142560	30.410	ng	#	93
57) Fluorene	10.56	166	495753	32.071	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	133783	35.214	ng	#	84
59) Diethylphthalate	10.42	149	547353	33.459	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	239932	33.795	ng		95
61) 4-Nitroaniline	10.60	138	122518	31.005	ng		93
62) Azobenzene	10.70	77	475897	32.172	ng		97
64) 4,6-Dinitro-2-methylphenol	10.62	198	13872	6.538	ng		97
65) n-Nitrosodiphenylamine	10.67	169	445370	37.520	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	135201	36.055	ng		89
67) Hexachlorobenzene	11.11	284	141960	32.911	ng	#	84
68) Atrazine	11.19	200	127244	34.991	ng		99
69) Pentachlorophenol	11.30	266	124353	52.390	ng		96
70) Phenanthrene	11.53	178	613681	32.339	ng		99
71) Anthracene	11.58	178	701602	35.396	ng		98
72) Carbazole	11.74	167	606931	32.082	ng		100
73) Di-n-butylphthalate	12.04	149	789499	35.036	ng		99
74) Fluoranthene	12.72	202	588925	29.197	ng		97
76) Benzidine	12.85	184	328367	48.543	ng		97
77) Pyrene	12.95	202	568009	33.288	ng		98
79) Butylbenzylphthalate	13.55	149	279861	34.813	ng		97
80) Benzo(a)anthracene	14.14	228	474792	31.967	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	182309	37.083	ng		98
82) Chrysene	14.19	228	487978	33.544	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	361484	34.801	ng		99
84) Di-n-octyl phthalate	14.73	149	617904	34.582	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	413468	27.428	ng		95
87) Benzo(b)fluoranthene	15.24	252	424122	32.806	ng		99
88) Benzo(k)fluoranthene	15.27	252	454342	37.307	ng		98
89) Benzo(a)pyrene	15.63	252	409309	34.165	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	348945	31.503	ng		97
91) Benzo(g,h,i)perylene	17.78	276	333634	30.072	ng		95

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

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