Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104059.D
Acq On : 29 Mar 2018 18:54
Operator : JU/SJ
Sample : J2093-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-G0-G0A-G01-G01AMSD

Manual Integrations APPROVED
Sohil
3/30/2018 6:01:26 PM

Quant Time: Mar 30 04:41:36 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	111023	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	453113	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	203174	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	325403	20.00	ng		0.00
75) Chrysene-d12	14.16	240	224432	20.00	ng		0.00
86) Perylene-d12	15.70	264	201622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	810515	116.42	ng		0.00
7) Phenol-d6	6.60	99	968717	113.10	ng		0.00
23) Nitrobenzene-d5	7.53	82	598065	80.72	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	237843	105.13	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1071871	83.19	ng		0.00
78) Terphenyl-d14	13.09	244	819275	84.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	96793	32.237	ng	#	87
3) Pyridine	3.67	79	150364	19.782	ng	#	84
4) n-Nitrosodimethylamine	3.64	42	69468m	30.746	ng		
6) Aniline	6.64	93	293254	28.600	ng	#	87
8) 2-Chlorophenol	6.76	128	307180	40.224	ng		95
9) Benzaldehyde	6.53	77	104272	20.074	ng		91
10) Phenol	6.62	94	375821	39.601	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	328501	40.170	ng		91
12) 1,3-Dichlorobenzene	6.91	146	308187	35.901	ng		97
13) 1,4-Dichlorobenzene	6.99	146	354631	38.555	ng		100
14) 1,2-Dichlorobenzene	7.13	146	307274	37.166	ng		99
15) Benzyl Alcohol	7.11	79	210649	37.826	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	340398	38.207	ng		64
17) 2-Methylphenol	7.22	107	234649	37.752	ng	#	93
18) Hexachloroethane	7.47	117	97500	31.659	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	202095	39.759	ng		90
20) 3+4-Methylphenols	7.37	107	316539	39.904	ng	#	58
22) Acetophenone	7.38	105	433960	39.584	ng	#	97
24) Nitrobenzene	7.55	77	289330	37.114	ng		99
25) Isophorone	7.78	82	553642	40.547	ng		100
26) 2-Nitrophenol	7.87	139	148655	36.531	ng		89
27) 2,4-Dimethylphenol	7.90	122	261912	44.628	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	361936	42.293	ng		100
29) 2,4-Dichlorophenol	8.11	162	253047	41.281	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	271451	39.029	ng		98
31) Naphthalene	8.27	128	919593	41.543	ng		99
32) Benzoic acid	8.02	122	114468	26.625	ng		95
33) 4-Chloroaniline	8.33	127	243443	26.086	ng		96
34) Hexachlorobutadiene	8.37	225	140764	37.192	ng		99
35) Caprolactam	8.69	113	72521	37.311	ng	#	77
36) 4-Chloro-3-methylphenol	8.80	107	266831	41.154	ng		97
37) 2-Methylnaphthalene	8.96	142	567489	38.919	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	251807	40.416	ng		98
40) Hexachlorocyclopentadiene	9.10	237	47785	20.583	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	157211	39.849	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	184799	38.795	ng		96
45) 1,1'-Biphenyl	9.43	154	700124	40.150	ng		97
46) 2-Chloronaphthalene	9.46	162	534562	38.863	ng		98
47) 2-Nitroaniline	9.56	65	158909	40.515	ng		96
48) Acenaphthylene	9.87	152	779018	37.383	ng		99
49) Dimethylphthalate	9.72	163	719360	44.844	ng		99
50) 2,6-Dinitrotoluene	9.79	165	128572	37.255	ng		95
51) Acenaphthene	10.05	154	478244	39.672	ng		98
52) 3-Nitroaniline	9.97	138	125154	31.547	ng		96
53) 2,4-Dinitrophenol	10.09	184	16885	15.999	ng	#	58
54) Dibenzofuran	10.22	168	684380	38.877	ng		97
55) 4-Nitrophenol	10.15	139	153762	64.640	ng		95
56) 2,4-Dinitrotoluene	10.20	165	160337	36.409	ng	#	93
57) Fluorene	10.56	166	535122	36.851	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	142875	40.033	ng	#	88
59) Diethylphthalate	10.42	149	590103	38.400	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	260936	39.124	ng		96
61) 4-Nitroaniline	10.60	138	124909	33.649	ng		95
62) Azobenzene	10.71	77	524759	37.764	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	19420	9.859	ng		95
65) n-Nitrosodiphenylamine	10.67	169	488698	44.345	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	145471	41.786	ng	#	90
67) Hexachlorobenzene	11.10	284	154322	38.536	ng		96
68) Atrazine	11.19	200	138778	41.105	ng		98
69) Pentachlorophenol	11.30	266	137078	62.205	ng		97
70) Phenanthrene	11.53	178	670285	38.046	ng		99
71) Anthracene	11.58	178	746210	40.550	ng		99
72) Carbazole	11.74	167	657283	37.423	ng		100
73) Di-n-butylphthalate	12.04	149	854686	40.853	ng		99
74) Fluoranthene	12.72	202	645761	34.483	ng		97
76) Benzidine	12.85	184	397848	62.205	ng		97
77) Pyrene	12.95	202	617439	38.271	ng		99
79) Butylbenzylphthalate	13.55	149	304059	40.003	ng		97
80) Benzo(a)anthracene	14.14	228	530771	37.796	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	196378	42.247	ng		98
82) Chrysene	14.19	228	535248	38.914	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	398879	40.615	ng		99
84) Di-n-octyl phthalate	14.73	149	681318	40.330	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	461498	32.378	ng		96
87) Benzo(b)fluoranthene	15.24	252	482686	39.337	ng		98
88) Benzo(k)fluoranthene	15.27	252	489554	42.353	ng		99
89) Benzo(a)pyrene	15.63	252	455725	40.078	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	393792	37.457	ng		98
91) Benzo(g,h,i)perylene	17.77	276	365531	34.712	ng		96

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

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