Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104101.D
Acq On : 30 Mar 2018 19:07
Operator : JU/SJ
Sample : J2146-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CSMS

Manual Integrations APPROVED
Sohil
4/2/2018 5:05:44 PM

Quant Time: Mar 30 23:45:27 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	124349	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	530498	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	251063	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	449031	20.00	ng		0.00
75) Chrysene-d12	14.15	240	308115	20.00	ng		0.00
86) Perylene-d12	15.68	264	256688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	976227	125.20	ng		0.02
7) Phenol-d6	6.60	99	1200712	125.16	ng		0.01
23) Nitrobenzene-d5	7.53	82	756083	87.16	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	353204	126.34	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1403227	88.14	ng		0.00
78) Terphenyl-d14	13.08	244	1355327	101.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	106137	31.561	ng	#	83
3) Pyridine	3.65	79	238830	28.053	ng	#	84
4) n-Nitrosodimethylamine	3.62	42	99530m	39.331	ng		
6) Aniline	6.63	93	439377	38.259	ng	#	90
8) 2-Chlorophenol	6.75	128	392054	45.836	ng		96
9) Benzaldehyde	6.52	77	119523	20.637	ng		93
10) Phenol	6.62	94	477314	44.906	ng		95
11) bis(2-Chloroethyl)ether	6.70	93	339776m	37.096	ng		
12) 1,3-Dichlorobenzene	6.90	146	380601	39.585	ng		99
13) 1,4-Dichlorobenzene	6.97	146	425245	41.277	ng		100
14) 1,2-Dichlorobenzene	7.13	146	381415	41.190	ng		99
15) Benzyl Alcohol	7.10	79	283050	45.380	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	419477	42.037	ng		51
17) 2-Methylphenol	7.21	107	311129	44.693	ng	#	91
18) Hexachloroethane	7.46	117	143113	41.490	ng		100
19) n-Nitroso-di-n-propylamine	7.37	70	249980	43.909	ng		93
20) 3+4-Methylphenols	7.37	107	392120	44.134	ng	#	67
22) Acetophenone	7.37	105	549387	42.803	ng		98
24) Nitrobenzene	7.55	77	372130	40.772	ng		98
25) Isophorone	7.77	82	737639	46.142	ng		99
26) 2-Nitrophenol	7.86	139	220113	46.201	ng		97
27) 2,4-Dimethylphenol	7.89	122	348305	50.692	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	471026	47.011	ng		99
29) 2,4-Dichlorophenol	8.10	162	342772	47.761	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	343888	42.231	ng		98
31) Naphthalene	8.26	128	1076816	41.549	ng		99
32) Benzoic acid	8.02	122	93704	18.616	ng		90
33) 4-Chloroaniline	8.32	127	394710	36.125	ng		96
34) Hexachlorobutadiene	8.37	225	180219	40.671	ng		99
35) Caprolactam	8.69	113	95061m	41.773	ng		
36) 4-Chloro-3-methylphenol	8.80	107	362563	47.762	ng		100
37) 2-Methylnaphthalene	8.95	142	744695	43.622	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	343053	44.559	ng		98
40) Hexachlorocyclopentadiene	9.10	237	281482	77.830	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	218674	44.855	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	254423	43.223	ng		97
45) 1,1'-Biphenyl	9.42	154	913258	42.382	ng		98
46) 2-Chloronaphthalene	9.45	162	726679	42.753	ng		99
47) 2-Nitroaniline	9.55	65	213910	44.135	ng		95
48) Acenaphthylene	9.86	152	1063029	41.282	ng		99
49) Dimethylphthalate	9.72	163	969317	48.901	ng		99
50) 2,6-Dinitrotoluene	9.79	165	193052	45.269	ng		97
51) Acenaphthene	10.03	154	606706	40.728	ng		99
52) 3-Nitroaniline	9.97	138	166870	34.039	ng		97
53) 2,4-Dinitrophenol	10.07	184	114311	62.695	ng	#	25
54) Dibenzofuran	10.21	168	936315	43.043	ng		97
55) 4-Nitrophenol	10.14	139	239937	81.627	ng		96
56) 2,4-Dinitrotoluene	10.20	165	240365	44.171	ng	#	97
57) Fluorene	10.55	166	754116	42.026	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	216624	49.120	ng	#	85
59) Diethylphthalate	10.42	149	799918	42.124	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	364152	44.185	ng		96
61) 4-Nitroaniline	10.60	138	191574	41.764	ng		93
62) Azobenzene	10.70	77	753795	43.899	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	100437	36.951	ng		80
65) n-Nitrosodiphenylamine	10.66	169	671718	44.171	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	217108	45.193	ng	#	87
67) Hexachlorobenzene	11.10	284	239863	43.406	ng		92
68) Atrazine	11.19	200	207626	44.566	ng		99
69) Pentachlorophenol	11.30	266	234104	76.986	ng		97
70) Phenanthrene	11.52	178	1024100	42.125	ng		99
71) Anthracene	11.57	178	1176653	46.336	ng		99
72) Carbazole	11.73	167	1044207	43.084	ng		100
73) Di-n-butylphthalate	12.04	149	1207446	41.825	ng		99
74) Fluoranthene	12.72	202	1090300	42.192	ng		97
76) Benzidine	12.84	184	481939	54.887	ng		98
77) Pyrene	12.94	202	1068105	48.223	ng		99
79) Butylbenzylphthalate	13.54	149	504553	48.352	ng		96
80) Benzo(a)anthracene	14.14	228	816393	42.346	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	239848	37.585	ng		98
82) Chrysene	14.17	228	829044	43.904	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	642105	47.624	ng		99
84) Di-n-octyl phthalate	14.72	149	1064546	45.900	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	752163	38.439	ng		96
87) Benzo(b)fluoranthene	15.23	252	640148	40.978	ng		99
88) Benzo(k)fluoranthene	15.26	252	735129	49.955	ng		98
89) Benzo(a)pyrene	15.62	252	657157	45.394	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	630856	47.133	ng		98
91) Benzo(g,h,i)perylene	17.75	276	639452	47.698	ng		95

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

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