Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102151.D
Acq On : 17 Jan 2018 15:51
Operator : SJ/JU
Sample : J1144-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IGW-1MSD

Manual Integrations APPROVED
Sohil
1/18/2018 11:12:19 AM

Quant Time: Jan 18 01:36:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155737	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	653416	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	292951	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	488949	20.00	ng		0.00
75) Chrysene-d12	13.87	240	255842	20.00	ng		0.00
86) Perylene-d12	15.29	264	259439	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1158019	105.00	ng		0.02
7) Phenol-d6	6.37	99	1373073	104.35	ng		0.01
23) Nitrobenzene-d5	7.29	82	875627	78.75	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	314122	122.87	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1485295	79.21	ng		0.00
78) Terphenyl-d14	12.82	244	1155801	93.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	138610	25.184	ng		95
3) Pyridine	3.15	79	391176	26.025	ng		94
4) n-Nitrosodimethylamine	3.10	42	207414	32.953	ng		94
6) Aniline	6.39	93	477992	25.776	ng	#	74
8) 2-Chlorophenol	6.51	128	403112	36.444	ng		97
9) Benzaldehyde	6.27	77	55286	6.051	ng		94
10) Phenol	6.38	94	521420	35.064	ng		76
11) bis(2-Chloroethyl)ether	6.47	93	368596	32.565	ng		99
12) 1,3-Dichlorobenzene	6.66	146	421097	33.025	ng		99
13) 1,4-Dichlorobenzene	6.74	146	423409	33.277	ng		99
14) 1,2-Dichlorobenzene	6.89	146	396781	33.692	ng		100
15) Benzyl Alcohol	6.87	79	337416	35.055	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	613594	29.408	ng		99
17) 2-Methylphenol	6.98	107	339216	33.995	ng		97
18) Hexachloroethane	7.23	117	150934	33.687	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	275984	32.005	ng		98
20) 3+4-Methylphenols	7.14	107	398591	33.269	ng	#	69
22) Acetophenone	7.14	105	558669	35.486	ng	#	89
24) Nitrobenzene	7.31	77	413575	34.614	ng		99
25) Isophorone	7.55	82	764612	34.801	ng		99
26) 2-Nitrophenol	7.62	139	231430	46.278	ng		98
27) 2,4-Dimethylphenol	7.66	122	366535	39.245	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	473789	35.715	ng		99
29) 2,4-Dichlorophenol	7.86	162	344349	38.829	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	329200	35.489	ng		96
31) Naphthalene	8.03	128	1104884	33.840	ng		100
32) Benzoic acid	7.74	122	36087	5.095	ng		98
33) 4-Chloroaniline	8.08	127	365426	26.222	ng		98
34) Hexachlorobutadiene	8.14	225	168684	34.354	ng		100
35) Caprolactam	8.46	113	110460m	36.282	ng		
36) 4-Chloro-3-methylphenol	8.57	107	368929	38.004	ng		96
37) 2-Methylnaphthalene	8.72	142	774327	36.024	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	307652	37.121	ng		99
40) Hexachlorocyclopentadiene	8.87	237	282764	62.386	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	228142	39.946	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	240950	37.327	ng		96
45) 1,1'-Biphenyl	9.19	154	914115	35.303	ng		96
46) 2-Chloronaphthalene	9.21	162	697025	34.713	ng		97
47) 2-Nitroaniline	9.30	65	231529	38.493	ng		92
48) Acenaphthylene	9.62	152	1058834	33.228	ng		99
49) Dimethylphthalate	9.49	163	972102	41.365	ng		99
50) 2,6-Dinitrotoluene	9.55	165	187876	40.022	ng		98
51) Acenaphthene	9.79	154	616590	31.879	ng		100
52) 3-Nitroaniline	9.72	138	169897	28.677	ng		98
53) 2,4-Dinitrophenol	9.82	184	118502	67.565	ng	#	21
54) Dibenzofuran	9.96	168	933393	35.163	ng		96
55) 4-Nitrophenol	9.89	139	321404	72.796	ng		97
56) 2,4-Dinitrotoluene	9.95	165	241885	41.111	ng		97
57) Fluorene	10.30	166	701909	38.251	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	190414	41.434	ng		98
59) Diethylphthalate	10.19	149	805599	34.461	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	306424	39.216	ng		96
61) 4-Nitroaniline	10.33	138	193169	34.356	ng		95
62) Azobenzene	10.46	77	769422	33.082	ng		99
64) 4,6-Dinitro-2-methylphenol	10.36	198	104802	40.472	ng		95
65) n-Nitrosodiphenylamine	10.42	169	653643	35.700	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	195047	37.774	ng		98
67) Hexachlorobenzene	10.85	284	203809	36.156	ng		94
68) Atrazine	10.95	200	195904	37.024	ng		98
69) Pentachlorophenol	11.04	266	228047	66.344	ng		97
70) Phenanthrene	11.27	178	971962	34.031	ng		99
71) Anthracene	11.32	178	1005448	34.711	ng		100
72) Carbazole	11.47	167	921327	32.360	ng		99
73) Di-n-butylphthalate	11.80	149	1125941	32.234	ng		100
74) Fluoranthene	12.45	202	887338	31.577	ng		96
76) Benzidine	12.57	184	421385	34.108	ng		96
77) Pyrene	12.67	202	862892	38.156	ng		100
79) Butylbenzylphthalate	13.30	149	377935	36.415	ng		94
80) Benzo(a)anthracene	13.86	228	558238	34.199	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	203535	33.675	ng		99
82) Chrysene	13.90	228	552637	32.468	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	452448	38.002	ng		99
84) Di-n-octyl phthalate	14.46	149	707605	35.816	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	678667	54.782	ng		100
87) Benzo(b)fluoranthene	14.88	252	521980	30.857	ng		98
88) Benzo(k)fluoranthene	14.91	252	522759	32.034	ng		98
89) Benzo(a)pyrene	15.23	252	526339	34.577	ng		100
90) Dibenzo(a,h)anthracene	16.68	278	555422	45.722	ng		98
91) Benzo(g,h,i)perylene	17.09	276	574953	46.986	ng		97

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

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