Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102560.D
Acq On : 28 Jan 2018 16:33
Operator : SJ/JU
Sample : J1344-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-2-EW(5-6)MSD

Manual Integrations APPROVED
Sohil
1/29/2018 5:47:56 PM

Quant Time: Jan 29 03:42:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	145026	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	614049	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	278046	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	471439	20.00	ng		0.00
75) Chrysene-d12	13.88	240	297489	20.00	ng		0.00
86) Perylene-d12	15.30	264	235425	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1271803	132.97	ng		0.01
7) Phenol-d6	6.37	99	1557023	135.03	ng		0.00
23) Nitrobenzene-d5	7.29	82	981219	91.83	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	307086	111.46	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1495618	79.09	ng		0.00
78) Terphenyl-d14	12.82	244	1329759	100.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	195722	43.068	ng		96
3) Pyridine	3.13	79	536774	45.198	ng		99
4) n-Nitrosodimethylamine	3.09	42	257144	55.230	ng		97
6) Aniline	6.39	93	359443	23.567	ng	#	44
8) 2-Chlorophenol	6.50	128	504167	50.284	ng		99
9) Benzaldehyde	6.26	77	245186	37.507	ng		96
10) Phenol	6.38	94	623554	49.532	ng		84
11) bis(2-Chloroethyl)ether	6.46	93	488617	51.032	ng		97
12) 1,3-Dichlorobenzene	6.65	146	527626	44.248	ng		99
13) 1,4-Dichlorobenzene	6.73	146	538511	45.083	ng		99
14) 1,2-Dichlorobenzene	6.88	146	487711	44.638	ng		98
15) Benzyl Alcohol	6.86	79	383264	47.107	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	752771	46.877	ng		79
17) 2-Methylphenol	6.98	107	419367	48.160	ng	#	93
18) Hexachloroethane	7.22	117	188117	45.195	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	336793	47.726	ng		99
20) 3+4-Methylphenols	7.14	107	514839	50.271	ng		89
22) Acetophenone	7.13	105	692007	47.275	ng		96
24) Nitrobenzene	7.30	77	522180	47.753	ng		98
25) Isophorone	7.54	82	985802	51.750	ng		99
26) 2-Nitrophenol	7.62	139	297156	51.633	ng		98
27) 2,4-Dimethylphenol	7.66	122	466137	55.779	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	627377	53.315	ng		100
29) 2,4-Dichlorophenol	7.86	162	428460	50.333	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	390278	42.770	ng		98
31) Naphthalene	8.02	128	1381119	45.048	ng		100
32) Benzoic acid	7.77	122	72515	10.357	ng		98
33) 4-Chloroaniline	8.07	127	143363	11.120	ng		98
34) Hexachlorobutadiene	8.13	225	201648	41.375	ng		100
35) Caprolactam	8.46	113	143709m	51.117	ng		
36) 4-Chloro-3-methylphenol	8.57	107	470831	52.473	ng		99
37) 2-Methylnaphthalene	8.71	142	929540	45.526	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	359453	42.970	ng		98
40) Hexachlorocyclopentadiene	8.86	237	232333	62.060	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	267067	47.691	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	282065	44.736	ng		98
45) 1,1'-Biphenyl	9.17	154	1057759	42.545	ng		99
46) 2-Chloronaphthalene	9.20	162	828604	42.878	ng		100
47) 2-Nitroaniline	9.30	65	302476	50.205	ng		96
48) Acenaphthylene	9.62	152	1250143	41.524	ng		100
49) Dimethylphthalate	9.48	163	1221436	53.147	ng		100
50) 2,6-Dinitrotoluene	9.55	165	231380	46.696	ng		90
51) Acenaphthene	9.79	154	744087	42.318	ng		99
52) 3-Nitroaniline	9.72	138	137054	23.381	ng		94
53) 2,4-Dinitrophenol	9.83	184	81896	38.831	ng	#	21
54) Dibenzofuran	9.96	168	1058862	44.496	ng		97
55) 4-Nitrophenol	9.90	139	304962	78.816	ng		92
56) 2,4-Dinitrotoluene	9.96	165	270244	44.351	ng	#	88
57) Fluorene	10.30	166	841897	44.648	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	216910	48.182	ng		98
59) Diethylphthalate	10.17	149	975280	43.670	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	369027	45.139	ng		98
61) 4-Nitroaniline	10.34	138	245259	41.931	ng		89
62) Azobenzene	10.45	77	927536	45.362	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	123248	39.185	ng		86
65) n-Nitrosodiphenylamine	10.42	169	790646	45.692	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	231798	45.674	ng		96
67) Hexachlorobenzene	10.84	284	230657	40.639	ng		98
68) Atrazine	10.94	200	257392	50.365	ng		98
69) Pentachlorophenol	11.05	266	215901	72.411	ng		99
70) Phenanthrene	11.26	178	1224902	44.588	ng		99
71) Anthracene	11.32	178	1247884	44.503	ng		100
72) Carbazole	11.47	167	1224230	44.753	ng		99
73) Di-n-butylphthalate	11.80	149	1462381	42.768	ng		99
74) Fluoranthene	12.45	202	1204961	43.012	ng		99
76) Benzidine	12.57	184	428371	42.864	ng		98
77) Pyrene	12.68	202	1195753	51.987	ng		100
79) Butylbenzylphthalate	13.29	149	596927	52.150	ng		99
80) Benzo(a)anthracene	13.87	228	886025	48.376	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	157800	23.487	ng		99
82) Chrysene	13.90	228	829470	44.597	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	797908	51.870	ng	#	99
84) Di-n-octyl phthalate	14.46	149	1151601	46.034	ng		100
85) Indeno(1,2,3-cd)pyrene	16.71	276	756320	49.238	ng		97
87) Benzo(b)fluoranthene	14.90	252	719768	47.170	ng		98
88) Benzo(k)fluoranthene	14.92	252	614029	42.592	ng		99
89) Benzo(a)pyrene	15.24	252	642193	46.664	ng	#	97
90) Dibenzo(a,h)anthracene	16.72	278	621751	55.773	ng		97
91) Benzo(g,h,i)perylene	17.13	276	666176	60.521	ng		99

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