Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102451.D
Acq On : 26 Jan 2018 3:45
Operator : SJ/JU
Sample : J1289-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Manual Integrations APPROVED
Sohil
1/26/2018 11:24:57 AM

Quant Time: Jan 26 05:55:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128507	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	514276	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	214361	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	315648	20.00	ng		0.00
75) Chrysene-d12	13.88	240	240247	20.00	ng		0.00
86) Perylene-d12	15.31	264	204337	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1091514	128.79	ng		0.02
7) Phenol-d6	6.37	99	1307105	127.93	ng		0.00
23) Nitrobenzene-d5	7.29	82	810821	90.60	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	210799	99.25	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1327405	91.05	ng		0.00
78) Terphenyl-d14	12.83	244	973834	91.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	157018	38.993	ng		97
3) Pyridine	3.13	79	434365	41.276	ng		93
4) n-Nitrosodimethylamine	3.09	42	218189	52.887	ng		96
6) Aniline	6.39	93	204479	15.130	ng	#	1
8) 2-Chlorophenol	6.51	128	417403	46.982	ng		97
9) Benzaldehyde	6.27	77	219363	38.043	ng		94
10) Phenol	6.39	94	515730	46.233	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	397035	46.798	ng		99
12) 1,3-Dichlorobenzene	6.66	146	448947	42.489	ng		98
13) 1,4-Dichlorobenzene	6.74	146	456203	43.102	ng		97
14) 1,2-Dichlorobenzene	6.89	146	423512	43.745	ng		97
15) Benzyl Alcohol	6.87	79	317689	44.067	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	616384	43.318	ng		79
17) 2-Methylphenol	6.99	107	338950	43.929	ng	#	93
18) Hexachloroethane	7.23	117	136056	36.889	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	277339	44.353	ng		96
20) 3+4-Methylphenols	7.14	107	434387	47.868	ng	#	73
22) Acetophenone	7.13	105	564226	46.024	ng		96
24) Nitrobenzene	7.31	77	422892	46.176	ng		96
25) Isophorone	7.55	82	756835	47.439	ng		99
26) 2-Nitrophenol	7.62	139	178411	37.014	ng		96
27) 2,4-Dimethylphenol	7.67	122	364857	52.130	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	492891	50.013	ng		99
29) 2,4-Dichlorophenol	7.87	162	337892	47.394	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	331707	43.404	ng		99
31) Naphthalene	8.03	128	1151013	44.827	ng		100
32) Benzoic acid	7.77	122	50660	8.639	ng		98
33) 4-Chloroaniline	8.08	127	119764	11.092	ng		95
34) Hexachlorobutadiene	8.13	225	170281	41.718	ng		97
35) Caprolactam	8.46	113	111984m	47.560	ng		
36) 4-Chloro-3-methylphenol	8.57	107	343134	45.661	ng		99
37) 2-Methylnaphthalene	8.72	142	757361	44.290	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	295672	45.846	ng		99
40) Hexachlorocyclopentadiene	8.86	237	28624	9.918	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	195513	45.286	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	206590	42.500	ng		99
45) 1,1'-Biphenyl	9.18	154	861571	44.950	ng		99
46) 2-Chloronaphthalene	9.20	162	662961	44.498	ng		100
47) 2-Nitroaniline	9.31	65	221751	47.741	ng		98
48) Acenaphthylene	9.62	152	984504	42.415	ng		100
49) Dimethylphthalate	9.48	163	900730	50.836	ng		100
50) 2,6-Dinitrotoluene	9.55	165	158713	41.547	ng		96
51) Acenaphthene	9.79	154	575337	42.442	ng		99
52) 3-Nitroaniline	9.72	138	144912	32.067	ng		93
53) 2,4-Dinitrophenol	9.83	184	6627	7.383	ng	#	25
54) Dibenzofuran	9.96	168	838237	45.690	ng		98
55) 4-Nitrophenol	9.90	139	216747	72.660	ng		96
56) 2,4-Dinitrotoluene	9.96	165	176152	37.498	ng	#	91
57) Fluorene	10.30	166	633325	43.565	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	143448	41.331	ng		96
59) Diethylphthalate	10.18	149	736042	42.749	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	279209	44.299	ng		98
61) 4-Nitroaniline	10.33	138	190063	42.148	ng		92
62) Azobenzene	10.46	77	662224	42.009	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	8589	4.079	ng		83
65) n-Nitrosodiphenylamine	10.42	169	578364	49.921	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	166406	48.973	ng		93
67) Hexachlorobenzene	10.85	284	159894	42.075	ng		98
68) Atrazine	10.95	200	164374	48.038	ng		99
69) Pentachlorophenol	11.05	266	134253	67.251	ng		98
70) Phenanthrene	11.27	178	843312	45.848	ng		99
71) Anthracene	11.32	178	862566	45.945	ng		100
72) Carbazole	11.48	167	827669	45.189	ng		99
73) Di-n-butylphthalate	11.80	149	1046660	45.717	ng		98
74) Fluoranthene	12.46	202	830320	44.267	ng		96
76) Benzidine	12.58	184	450285	55.792	ng		98
77) Pyrene	12.69	202	835174	44.962	ng		99
79) Butylbenzylphthalate	13.30	149	424062	45.875	ng		98
80) Benzo(a)anthracene	13.87	228	702757	47.512	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	248992	45.889	ng		97
82) Chrysene	13.91	228	672768	44.790	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	581326	46.795	ng		100
84) Di-n-octyl phthalate	14.47	149	988143	48.912	ng		100
85) Indeno(1,2,3-cd)pyrene	16.71	276	512118	41.284	ng		97
87) Benzo(b)fluoranthene	14.90	252	608233	45.925	ng		97
88) Benzo(k)fluoranthene	14.93	252	574081	45.880	ng		99
89) Benzo(a)pyrene	15.25	252	543620	45.511	ng	#	97
90) Dibenzo(a,h)anthracene	16.72	278	428285	44.263	ng		98
91) Benzo(g,h,i)perylene	17.13	276	421306	44.098	ng		98

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

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