Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102582.D
Acq On : 29 Jan 2018 3:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/29/2018 5:48:44 PM

Quant Time: Jan 29 06:24:14 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	6.72	152	142812	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	572308	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	220695	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	317026	20.00	ng		0.00
75) Chrysene-d12	13.88	240	268448	20.00	ng		0.00
86) Perylene-d12	15.31	264	204777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	768510	81.59	ng		0.00
7) Phenol-d6	6.37	99	893134	78.65	ng		0.00
23) Nitrobenzene-d5	7.29	82	782736	78.60	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	123345	56.41	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1264454	84.24	ng		0.00
78) Terphenyl-d14	12.82	244	821364	68.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	197348	44.099	ng		97
3) Pyridine	3.04	79	500134	42.765	ng		98
4) n-Nitrosodimethylamine	3.01	42	190257	41.497	ng		98
6) Aniline	6.38	93	573338	38.174	ng	#	46
8) 2-Chlorophenol	6.50	128	395126	40.020	ng		98
9) Benzaldehyde	6.27	77	265777	43.491	ng		95
10) Phenol	6.38	94	472222	38.093	ng	#	56
11) bis(2-Chloroethyl)ether	6.46	93	387110	41.057	ng		97
12) 1,3-Dichlorobenzene	6.66	146	458090	39.012	ng		98
13) 1,4-Dichlorobenzene	6.73	146	459676	39.080	ng		99
14) 1,2-Dichlorobenzene	6.89	146	417853	38.837	ng		98
15) Benzyl Alcohol	6.87	79	292124	36.462	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	609017	38.513	ng		70
17) 2-Methylphenol	6.99	107	326340	38.058	ng	#	92
18) Hexachloroethane	7.22	117	116598	28.447	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	271998	39.142	ng		98
20) 3+4-Methylphenols	7.14	107	414460	41.097	ng		93
22) Acetophenone	7.13	105	550403	40.344	ng		97
24) Nitrobenzene	7.30	77	411494	40.376	ng		100
25) Isophorone	7.54	82	697389	39.280	ng		99
26) 2-Nitrophenol	7.62	139	151306	28.208	ng		91
27) 2,4-Dimethylphenol	7.66	122	307606	39.493	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	454478	41.439	ng		99
29) 2,4-Dichlorophenol	7.87	162	298608	37.637	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	322099	37.873	ng		98
31) Naphthalene	8.02	128	1083615	37.923	ng		100
32) Benzoic acid	7.79	122	121360m	18.597	ng		
33) 4-Chloroaniline	8.08	127	459385	38.231	ng		97
34) Hexachlorobutadiene	8.13	225	173227	38.136	ng		99
35) Caprolactam	8.45	113	94318	35.996	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	301276	36.025	ng		95
37) 2-Methylnaphthalene	8.71	142	687446	36.125	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	272473	41.036	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	165551	37.245	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	182544	36.475	ng		97
45) 1,1'-Biphenyl	9.17	154	805627	40.825	ng		99
46) 2-Chloronaphthalene	9.20	162	611458	39.863	ng		97
47) 2-Nitroaniline	9.30	65	208871	43.678	ng		91
48) Acenaphthylene	9.62	152	909605	38.064	ng		99
49) Dimethylphthalate	9.47	163	730116	40.024	ng		100
50) 2,6-Dinitrotoluene	9.55	165	134480	34.193	ng		95
51) Acenaphthene	9.79	154	524376	37.572	ng		99
52) 3-Nitroaniline	9.72	138	195345	41.986	ng	#	90
54) Dibenzofuran	9.96	168	724860	38.376	ng		98
55) 4-Nitrophenol	9.90	139	96871	31.542	ng		93
56) 2,4-Dinitrotoluene	9.96	165	138772	28.693	ng	#	81
57) Fluorene	10.30	166	561059	37.486	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	112000	31.344	ng		98
59) Diethylphthalate	10.17	149	684944	38.639	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	252377	38.892	ng		96
61) 4-Nitroaniline	10.33	138	175025	37.699	ng		89
62) Azobenzene	10.45	77	580951	35.795	ng		98
65) n-Nitrosodiphenylamine	10.41	169	503713	43.289	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	138762	40.660	ng		96
67) Hexachlorobenzene	10.85	284	139555	36.564	ng		93
68) Atrazine	10.94	200	109245	31.788	ng		98
69) Pentachlorophenol	11.05	266	85926	42.855	ng		98
70) Phenanthrene	11.26	178	705657	38.198	ng		99
71) Anthracene	11.32	178	734526	38.954	ng		99
72) Carbazole	11.47	167	714520	38.842	ng		99
73) Di-n-butylphthalate	11.80	149	932414	40.550	ng		98
74) Fluoranthene	12.45	202	722528	38.353	ng		99
76) Benzidine	12.58	184	417750	46.323	ng		99
77) Pyrene	12.68	202	758228	36.532	ng		99
79) Butylbenzylphthalate	13.29	149	383571	37.135	ng		99
80) Benzo(a)anthracene	13.87	228	654317	39.590	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	260092	42.899	ng		99
82) Chrysene	13.91	228	647393	38.573	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	544482	39.225	ng		99
84) Di-n-octyl phthalate	14.46	149	897879	39.775	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	422201	30.460	ng		95
87) Benzo(b)fluoranthene	14.90	252	553176	41.678	ng		99
88) Benzo(k)fluoranthene	14.93	252	506509	40.392	ng		98
89) Benzo(a)pyrene	15.25	252	467398	39.046	ng	#	97
90) Dibenzo(a,h)anthracene	16.72	278	351269	36.226	ng		98
91) Benzo(g,h,i)perylene	17.13	276	341888	35.709	ng		95

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