Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104777.D
Acq On : 25 Apr 2018 1:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/25/2018 4:22:29 PM

Quant Time: Apr 25 04:33:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116572	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	469660	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	198034	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	314612	20.00	ng		0.00
75) Chrysene-d12	13.99	240	231167	20.00	ng		0.00
86) Perylene-d12	15.46	264	156523	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	542239	71.12	ng		0.00
7) Phenol-d6	6.46	99	669077	71.43	ng		0.01
23) Nitrobenzene-d5	7.38	82	616306	85.69	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	147806	71.95	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1064230	84.90	ng		0.00
78) Terphenyl-d14	12.93	244	854498	84.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	113559	31.967	ng		88
3) Pyridine	3.23	79	311071	31.145	ng		86
4) n-Nitrosodimethylamine	3.20	42	111591	31.962	ng		87
6) Aniline	6.47	93	435173	33.439	ng	#	64
8) 2-Chlorophenol	6.60	128	302983	37.653	ng		95
9) Benzaldehyde	6.36	77	168414	33.755	ng		95
10) Phenol	6.47	94	357685	35.988	ng	#	67
11) bis(2-Chloroethyl)ether	6.55	93	289968	36.560	ng		96
12) 1,3-Dichlorobenzene	6.75	146	347295	38.097	ng		99
13) 1,4-Dichlorobenzene	6.83	146	351025	38.629	ng		99
14) 1,2-Dichlorobenzene	6.98	146	324808	38.571	ng		98
15) Benzyl Alcohol	6.96	79	247267	34.755	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	341287	32.042	ng		68
17) 2-Methylphenol	7.07	107	257223	36.774	ng	#	92
18) Hexachloroethane	7.32	117	89507	27.626	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	206516	33.739	ng		94
20) 3+4-Methylphenols	7.23	107	323699	37.314	ng	#	72
22) Acetophenone	7.22	105	437828	37.865	ng		99
24) Nitrobenzene	7.40	77	319626	40.250	ng		100
25) Isophorone	7.63	82	537833	35.361	ng		99
26) 2-Nitrophenol	7.71	139	125451	38.805	ng		98
27) 2,4-Dimethylphenol	7.75	122	234232	34.895	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	344125	37.005	ng		99
29) 2,4-Dichlorophenol	7.96	162	240089	37.486	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	275598	39.209	ng		99
31) Naphthalene	8.12	128	878575	37.568	ng		100
32) Benzoic acid	7.87	122	128881m	24.064	ng		
33) 4-Chloroaniline	8.17	127	376732	37.601	ng		98
34) Hexachlorobutadiene	8.23	225	154076	40.019	ng		100
35) Caprolactam	8.56	113	78159	34.982	ng	#	70
36) 4-Chloro-3-methylphenol	8.66	107	254375	37.040	ng		98
37) 2-Methylnaphthalene	8.81	142	554715	36.669	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	245404	43.290	ng		99
40) Hexachlorocyclopentadiene	8.95	237	6392	2.014	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	158125	40.182	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	172683	39.213	ng		97
45) 1,1'-Biphenyl	9.27	154	680832	40.925	ng		99
46) 2-Chloronaphthalene	9.30	162	527211	40.121	ng		99
47) 2-Nitroaniline	9.40	65	165082	50.800	ng		94
48) Acenaphthylene	9.72	152	767258	37.215	ng		100
49) Dimethylphthalate	9.57	163	661823	42.380	ng		99
50) 2,6-Dinitrotoluene	9.65	165	118086	40.865	ng	#	86
51) Acenaphthene	9.89	154	445504	35.416	ng		99
52) 3-Nitroaniline	9.82	138	159584	47.173	ng		98
53) 2,4-Dinitrophenol	9.93	184	608	5.896	ng	#	25
54) Dibenzofuran	10.06	168	633166	36.118	ng		97
55) 4-Nitrophenol	9.99	139	92514	34.814	ng		98
56) 2,4-Dinitrotoluene	10.05	165	133682	35.269	ng	#	97
57) Fluorene	10.40	166	503506	39.460	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	111765	34.019	ng		95
59) Diethylphthalate	10.27	149	614619	39.518	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	242600	42.692	ng		97
61) 4-Nitroaniline	10.43	138	159318	48.165	ng		93
62) Azobenzene	10.55	77	489065	32.913	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	2991	9.000	ng		73
65) n-Nitrosodiphenylamine	10.51	169	449600	41.216	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	140754	42.061	ng		95
67) Hexachlorobenzene	10.95	284	152504	40.501	ng		92
68) Atrazine	11.04	200	122788	37.291	ng		100
69) Pentachlorophenol	11.15	266	98150	42.133	ng		96
70) Phenanthrene	11.37	178	656894	37.493	ng		98
71) Anthracene	11.42	178	662746	37.212	ng		99
72) Carbazole	11.58	167	633750	36.415	ng		99
73) Di-n-butylphthalate	11.90	149	850018	39.984	ng		99
74) Fluoranthene	12.56	202	666151	36.391	ng		98
76) Benzidine	12.68	184	308308	39.093	ng		98
77) Pyrene	12.79	202	677546	39.542	ng		99
79) Butylbenzylphthalate	13.40	149	332196	41.152	ng		100
80) Benzo(a)anthracene	13.98	228	551308	39.920	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	210760	40.931	ng	#	96
82) Chrysene	14.02	228	533553	37.613	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	472678	45.523	ng		99
84) Di-n-octyl phthalate	14.58	149	721761	41.601	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.94	276	368149	30.552	ng		95
87) Benzo(b)fluoranthene	15.04	252	404003	40.867	ng		98
88) Benzo(k)fluoranthene	15.06	252	389038	41.684	ng		98
89) Benzo(a)pyrene	15.40	252	344451	38.942	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	306004	42.122	ng	#	96
91) Benzo(g,h,i)perylene	17.38	276	300417	42.684	ng		95

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

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