Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101160.D
Acq On : 6 Dec 2017 11:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/7/2017 11:35:32 AM

Quant Time: Dec 06 14:45:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53397	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	206802	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	99688	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	200362	20.00	ng		0.00
75) Chrysene-d12	14.03	240	172351	20.00	ng		0.00
86) Perylene-d12	15.50	264	158310	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	260911	80.74	ng		0.00
7) Phenol-d6	6.49	99	313383	79.88	ng		0.00
23) Nitrobenzene-d5	7.42	82	279160	80.53	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	94092	78.57	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	591851	81.23	ng		0.00
78) Terphenyl-d14	12.96	244	626652	79.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	52752	39.478	ng		98
3) Pyridine	3.38	79	141665	40.897	ng		88
4) n-Nitrosodimethylamine	3.35	42	73608	43.508	ng	#	94
6) Aniline	6.52	93	200923	39.384	ng		100
8) 2-Chlorophenol	6.63	128	138591	39.335	ng		98
9) Benzaldehyde	6.40	77	87071	36.261	ng		95
10) Phenol	6.50	94	171182	39.241	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	125208	38.265	ng		97
12) 1,3-Dichlorobenzene	6.79	146	163723	39.907	ng		99
13) 1,4-Dichlorobenzene	6.86	146	165389	38.938	ng		99
14) 1,2-Dichlorobenzene	7.02	146	155546	39.261	ng		95
15) Benzyl Alcohol	6.99	79	120765	39.855	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	147515	33.166	ng		94
17) 2-Methylphenol	7.10	107	111660	39.248	ng		99
18) Hexachloroethane	7.36	117	53992	39.566	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	101587	38.449	ng		96
20) 3+4-Methylphenols	7.26	107	144524	38.952	ng	#	78
22) Acetophenone	7.26	105	198964	39.823	ng	#	93
24) Nitrobenzene	7.44	77	138982	40.905	ng		94
25) Isophorone	7.67	82	233947	39.507	ng		99
26) 2-Nitrophenol	7.75	139	74507	39.947	ng		96
27) 2,4-Dimethylphenol	7.79	122	109450	40.565	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	157899	39.674	ng		99
29) 2,4-Dichlorophenol	7.99	162	119871	40.815	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	132456	41.016	ng		96
31) Naphthalene	8.16	128	406951	39.927	ng		99
32) Benzoic acid	7.93	122	86435m	41.189	ng		
33) 4-Chloroaniline	8.20	127	163876	40.016	ng		100
34) Hexachlorobutadiene	8.26	225	79513	40.144	ng		98
35) Caprolactam	8.59	113	35078	38.325	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	122210	40.171	ng		100
37) 2-Methylnaphthalene	8.85	142	271381	39.186	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	147254	40.662	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	47674	40.600	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	86260	40.633	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	93443	41.172	ng	#	91
45) 1,1'-Biphenyl	9.31	154	364901	39.952	ng		97
46) 2-Chloronaphthalene	9.33	162	262614	40.487	ng		98
47) 2-Nitroaniline	9.43	65	77275	40.267	ng		96
48) Acenaphthylene	9.75	152	420083	39.408	ng		99
49) Dimethylphthalate	9.61	163	313938	39.049	ng		100
50) 2,6-Dinitrotoluene	9.68	165	67394	39.800	ng	#	85
51) Acenaphthene	9.92	154	250335	39.219	ng		99
52) 3-Nitroaniline	9.85	138	75590	39.695	ng		92
53) 2,4-Dinitrophenol	9.96	184	27985	35.027	ng	#	14
54) Dibenzofuran	10.09	168	358999	39.029	ng		98
55) 4-Nitrophenol	10.01	139	44926	34.983	ng		96
56) 2,4-Dinitrotoluene	10.09	165	86386	38.067	ng	#	94
57) Fluorene	10.44	166	293486	39.249	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	72430	39.858	ng	#	87
59) Diethylphthalate	10.30	149	306538	38.657	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	146370	39.646	ng		90
61) 4-Nitroaniline	10.47	138	73999	37.435	ng		91
62) Azobenzene	10.59	77	259144	38.508	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	51119	38.038	ng		84
65) n-Nitrosodiphenylamine	10.55	169	282983	40.034	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	89653	39.975	ng		90
67) Hexachlorobenzene	10.99	284	92852	38.630	ng	#	90
68) Atrazine	11.07	200	84796	39.108	ng		96
69) Pentachlorophenol	11.18	266	49267	37.278	ng		95
70) Phenanthrene	11.40	178	432211	39.171	ng		99
71) Anthracene	11.46	178	437390	39.167	ng		99
72) Carbazole	11.61	167	393874	38.603	ng		99
73) Di-n-butylphthalate	11.93	149	497886	38.931	ng		99
74) Fluoranthene	12.59	202	465750	38.080	ng		96
76) Benzidine	12.72	184	215612	38.471	ng		99
77) Pyrene	12.82	202	476716	40.085	ng		99
79) Butylbenzylphthalate	13.43	149	208764	39.815	ng		88
80) Benzo(a)anthracene	14.02	228	431294	39.634	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	145477	38.602	ng	#	97
82) Chrysene	14.05	228	401017	39.680	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	287135	38.406	ng		100
84) Di-n-octyl phthalate	14.60	149	484353	38.910	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	345411	38.443	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	375095	39.557	ng		98
88) Benzo(k)fluoranthene	15.10	252	374411	40.077	ng		97
89) Benzo(a)pyrene	15.44	252	341114	39.569	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	286821	37.740	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	271743	37.941	ng	#	90

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

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