Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100025.D
Acq On : 1 Nov 2017 4:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/1/2017 2:38:07 PM

Quant Time: Nov 01 08:28:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	81181	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	342848	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	158603	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	270638	20.00	ng		0.00
75) Chrysene-d12	13.98	240	165454	20.00	ng		0.00
86) Perylene-d12	15.47	264	156240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	410796	79.44	ng		0.00
7) Phenol-d6	6.44	99	470377	76.72	ng		0.00
23) Nitrobenzene-d5	7.36	82	389279	73.10	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	98346	68.04	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	796486	77.48	ng		0.00
78) Terphenyl-d14	12.90	244	676688	89.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	84134	36.845	ng	#	89
3) Pyridine	3.25	79	202903	36.951	ng	#	86
4) n-Nitrosodimethylamine	3.21	42	75177	38.322	ng	#	66
6) Aniline	6.46	93	310370	39.041	ng		92
8) 2-Chlorophenol	6.58	128	217719	39.506	ng		89
9) Benzaldehyde	6.35	77	135637	37.021	ng		88
10) Phenol	6.45	94	254627	37.825	ng		78
11) bis(2-Chloroethyl)ether	6.53	93	200225	38.517	ng		93
12) 1,3-Dichlorobenzene	6.73	146	237252m	38.341	ng		
13) 1,4-Dichlorobenzene	6.80	146	246898	39.314	ng		98
14) 1,2-Dichlorobenzene	6.96	146	227199	39.694	ng		96
15) Benzyl Alcohol	6.94	79	149028	38.220	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	217462	37.659	ng	#	36
17) 2-Methylphenol	7.06	107	180306	39.113	ng		95
18) Hexachloroethane	7.29	117	70441	33.620	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	139283	38.765	ng		89
20) 3+4-Methylphenols	7.21	107	218887	40.779	ng	#	65
22) Acetophenone	7.20	105	296754	38.014	ng	#	94
24) Nitrobenzene	7.38	77	198336	36.963	ng		93
25) Isophorone	7.62	82	352966	36.527	ng		95
26) 2-Nitrophenol	7.70	139	101592	33.057	ng	#	80
27) 2,4-Dimethylphenol	7.73	122	175463	38.749	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	251645	37.184	ng		99
29) 2,4-Dichlorophenol	7.95	162	180627	38.399	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	188384	37.482	ng		98
31) Naphthalene	8.09	128	621589	37.559	ng		99
32) Benzoic acid	7.87	122	91879	23.052	ng		92
33) 4-Chloroaniline	8.15	127	263478	38.555	ng		94
34) Hexachlorobutadiene	8.20	225	97706	37.794	ng		99
35) Caprolactam	8.54	113	55017	37.192	ng	#	73
36) 4-Chloro-3-methylphenol	8.64	107	173821	36.203	ng		96
37) 2-Methylnaphthalene	8.79	142	414982	37.418	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	193624	37.799	ng	#	98
40) Hexachlorocyclopentadiene	8.93	237	1639	11.926	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	113698	36.695	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	115867	35.239	ng	#	92
45) 1,1'-Biphenyl	9.25	154	530672	36.986	ng		97
46) 2-Chloronaphthalene	9.27	162	384743	36.924	ng		97
47) 2-Nitroaniline	9.39	65	101790	37.220	ng		86
48) Acenaphthylene	9.69	152	594925	37.070	ng		99
49) Dimethylphthalate	9.55	163	448623	35.718	ng		100
50) 2,6-Dinitrotoluene	9.63	165	96131	36.408	ng	#	86
51) Acenaphthene	9.86	154	364031	37.122	ng		98
52) 3-Nitroaniline	9.80	138	122162	39.266	ng	#	83
53) 2,4-Dinitrophenol	9.96	184	5569	10.719	ng	#	83
54) Dibenzofuran	10.03	168	522756	37.765	ng		99
55) 4-Nitrophenol	10.00	139	26862	16.524	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	118689	37.326	ng		99
57) Fluorene	10.38	166	423852	36.982	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	78094	33.875	ng	#	92
59) Diethylphthalate	10.25	149	445435	36.316	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	202036	37.457	ng		90
61) 4-Nitroaniline	10.42	138	113084	38.097	ng		84
62) Azobenzene	10.53	77	364988	35.498	ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	16786	9.867	ng	#	77
65) n-Nitrosodiphenylamine	10.49	169	393471	39.385	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	112627	39.530	ng		92
67) Hexachlorobenzene	10.93	284	112218	38.499	ng	#	90
68) Atrazine	11.02	200	115462	38.475	ng		97
69) Pentachlorophenol	11.14	266	69743	55.995	ng		99
70) Phenanthrene	11.35	178	569357	37.278	ng		98
71) Anthracene	11.40	178	591529	38.155	ng		99
72) Carbazole	11.56	167	543176	37.257	ng		99
73) Di-n-butylphthalate	11.87	149	706259	37.980	ng		98
74) Fluoranthene	12.54	202	535158	33.716	ng		95
76) Benzidine	12.67	184	246260	34.015	ng		98
77) Pyrene	12.77	202	534895	42.516	ng		99
79) Butylbenzylphthalate	13.37	149	266002	42.936	ng		92
80) Benzo(a)anthracene	13.97	228	381536	36.376	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	137716	36.171	ng		99
82) Chrysene	14.01	228	363051	36.818	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	350405	40.276	ng		99
84) Di-n-octyl phthalate	14.56	149	541463	36.261	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.96	276	368203	40.675	ng		97
87) Benzo(b)fluoranthene	15.04	252	346693	35.141	ng		99
88) Benzo(k)fluoranthene	15.07	252	346060	37.198	ng		97
89) Benzo(a)pyrene	15.41	252	331445	37.400	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	316520	40.194	ng		97
91) Benzo(g,h,i)perylene	17.41	276	300939	39.061	ng		99

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

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