Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101327.D
Acq On : 12 Dec 2017 13:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/13/2017 12:07:27 PM

Quant Time: Dec 13 01:18:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45594	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	188709	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	94582	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	187981	20.00	ng		0.00
75) Chrysene-d12	14.01	240	161460	20.00	ng		0.00
86) Perylene-d12	15.48	264	149725	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	237077	85.92	ng		0.00
7) Phenol-d6	6.46	99	283214	84.54	ng		0.00
23) Nitrobenzene-d5	7.39	82	263807	83.39	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	89393	78.68	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	569414	82.37	ng		0.00
78) Terphenyl-d14	12.94	244	609271	82.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	46021	40.335	ng		97
3) Pyridine	3.32	79	111484	37.692	ng		95
4) n-Nitrosodimethylamine	3.29	42	63490	43.949	ng	#	84
6) Aniline	6.49	93	184054	42.251	ng		98
8) 2-Chlorophenol	6.61	128	126836	42.160	ng		98
9) Benzaldehyde	6.38	77	83892	40.917	ng		91
10) Phenol	6.47	94	156312	41.964	ng		85
11) bis(2-Chloroethyl)ether	6.56	93	117381	42.013	ng		99
12) 1,3-Dichlorobenzene	6.76	146	147688	42.160	ng		97
13) 1,4-Dichlorobenzene	6.84	146	150791	41.577	ng		96
14) 1,2-Dichlorobenzene	6.99	146	140728	41.600	ng		97
15) Benzyl Alcohol	6.97	79	112622	43.528	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	155561	40.961	ng		72
17) 2-Methylphenol	7.08	107	103278	42.514	ng		96
18) Hexachloroethane	7.33	117	49300	42.310	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	94018	41.674	ng		93
20) 3+4-Methylphenols	7.24	107	130613	41.227	ng	#	58
22) Acetophenone	7.24	105	188052	41.248	ng	#	92
24) Nitrobenzene	7.41	77	129832	41.876	ng		99
25) Isophorone	7.65	82	223936	41.443	ng		98
26) 2-Nitrophenol	7.73	139	71618	42.079	ng		94
27) 2,4-Dimethylphenol	7.76	122	102163	41.495	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	147466	40.605	ng		99
29) 2,4-Dichlorophenol	7.97	162	113735	42.439	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	121801	41.332	ng		95
31) Naphthalene	8.13	128	381705	41.041	ng		99
32) Benzoic acid	7.92	122	78006	40.736	ng		97
33) 4-Chloroaniline	8.18	127	154265	41.281	ng		99
34) Hexachlorobutadiene	8.24	225	75809	41.944	ng		98
35) Caprolactam	8.57	113	33512m	40.125	ng		
36) 4-Chloro-3-methylphenol	8.67	107	118294	42.612	ng		99
37) 2-Methylnaphthalene	8.82	142	258689	40.935	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	141478	41.176	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	42442	38.600	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	81527	40.476	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	86720	40.272	ng		91
45) 1,1'-Biphenyl	9.29	154	350116	40.403	ng		97
46) 2-Chloronaphthalene	9.32	162	253079	41.123	ng		95
47) 2-Nitroaniline	9.42	65	74537	40.937	ng		99
48) Acenaphthylene	9.73	152	408880	40.428	ng		99
49) Dimethylphthalate	9.59	163	302713	39.685	ng		99
50) 2,6-Dinitrotoluene	9.66	165	65484	40.760	ng		95
51) Acenaphthene	9.90	154	244063	40.301	ng		99
52) 3-Nitroaniline	9.83	138	72582	40.173	ng		88
53) 2,4-Dinitrophenol	9.95	184	32239	41.495	ng	#	14
54) Dibenzofuran	10.07	168	344267	39.448	ng		99
55) 4-Nitrophenol	10.00	139	44847	36.806	ng		92
56) 2,4-Dinitrotoluene	10.07	165	82943	38.522	ng	#	91
57) Fluorene	10.42	166	287145	40.474	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	62172	36.060	ng	#	89
59) Diethylphthalate	10.29	149	303047	40.279	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	145893	41.650	ng		91
61) 4-Nitroaniline	10.45	138	73197	39.029	ng		92
62) Azobenzene	10.57	77	256995	40.250	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	48102m	38.151	ng		
65) n-Nitrosodiphenylamine	10.53	169	273043	41.172	ng		96
66) 4-Bromophenyl-phenylether	10.90	248	87599	41.632	ng	#	82
67) Hexachlorobenzene	10.97	284	93225	41.340	ng	#	88
68) Atrazine	11.06	200	77600	38.146	ng		97
69) Pentachlorophenol	11.17	266	48016	38.724	ng		98
70) Phenanthrene	11.39	178	418002	40.379	ng		97
71) Anthracene	11.43	178	425257	40.589	ng		99
72) Carbazole	11.59	167	383221	40.033	ng		99
73) Di-n-butylphthalate	11.91	149	487124	40.599	ng		98
74) Fluoranthene	12.57	202	449888	39.206	ng		97
76) Benzidine	12.69	184	197142	37.548	ng		99
77) Pyrene	12.81	202	459604	41.252	ng		98
79) Butylbenzylphthalate	13.41	149	203423	41.413	ng		95
80) Benzo(a)anthracene	14.00	228	406508	39.876	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	143797	40.729	ng	#	97
82) Chrysene	14.04	228	383995	40.559	ng		97
83) Bis(2-ethylhexyl)phthalate	13.96	149	282890	40.391	ng		97
84) Di-n-octyl phthalate	14.58	149	477319	40.932	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	324279	38.526	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	372808	41.570	ng	#	97
88) Benzo(k)fluoranthene	15.09	252	337055	38.147	ng	#	94
89) Benzo(a)pyrene	15.43	252	325455	39.918	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	278448	38.739	ng		96
91) Benzo(g,h,i)perylene	17.43	276	263061	38.835	ng	#	91

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

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