Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101113.D
Acq On : 5 Dec 2017 10:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:09 PM

Quant Time: Dec 05 12:52:16 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	46977	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	185818	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	89779	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	188105	20.00	ng		0.00
75) Chrysene-d12	14.03	240	166843	20.00	ng		0.00
86) Perylene-d12	15.50	264	160645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	234890	82.62	ng		0.00
7) Phenol-d6	6.49	99	277262	80.33	ng		0.00
23) Nitrobenzene-d5	7.42	82	252576	81.08	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	88579	82.13	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	536690	81.79	ng		0.00
78) Terphenyl-d14	12.96	244	600891	78.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	47634	40.520	ng		98
3) Pyridine	3.36	79	125734	41.258	ng		88
4) n-Nitrosodimethylamine	3.33	42	63041	42.354	ng	#	88
6) Aniline	6.52	93	177664	39.584	ng		100
8) 2-Chlorophenol	6.63	128	124354	40.118	ng		97
9) Benzaldehyde	6.40	77	79331	37.553	ng		98
10) Phenol	6.50	94	153762	40.064	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	113371	39.383	ng		97
12) 1,3-Dichlorobenzene	6.79	146	146325	40.541	ng		97
13) 1,4-Dichlorobenzene	6.87	146	148401	39.713	ng		96
14) 1,2-Dichlorobenzene	7.02	146	137566	39.468	ng		97
15) Benzyl Alcohol	6.99	79	106987	40.133	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	132613	33.890	ng		96
17) 2-Methylphenol	7.10	107	98225	39.244	ng		99
18) Hexachloroethane	7.36	117	48450	40.356	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	90172	38.792	ng		93
20) 3+4-Methylphenols	7.26	107	128577	39.390	ng	#	74
22) Acetophenone	7.26	105	180793	40.272	ng	#	94
24) Nitrobenzene	7.43	77	123958	40.603	ng		100
25) Isophorone	7.67	82	208993	39.279	ng		98
26) 2-Nitrophenol	7.75	139	67452	40.248	ng		91
27) 2,4-Dimethylphenol	7.79	122	99549	41.062	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	144118	40.301	ng		98
29) 2,4-Dichlorophenol	7.99	162	107808	40.853	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	116617	40.189	ng		92
31) Naphthalene	8.16	128	366284	39.996	ng		98
32) Benzoic acid	7.92	122	72422m	38.408	ng		
33) 4-Chloroaniline	8.20	127	150079	40.785	ng		99
34) Hexachlorobutadiene	8.26	225	72134	40.531	ng		99
35) Caprolactam	8.59	113	32410	39.409	ng		86
36) 4-Chloro-3-methylphenol	8.69	107	110006	40.243	ng		99
37) 2-Methylnaphthalene	8.85	142	247385	39.755	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	136294	41.789	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	39226	37.799	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	78259	40.932	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	85705	41.930	ng	#	92
45) 1,1'-Biphenyl	9.31	154	331737	40.330	ng		98
46) 2-Chloronaphthalene	9.34	162	237813	40.710	ng		95
47) 2-Nitroaniline	9.43	65	70261	40.653	ng		95
48) Acenaphthylene	9.75	152	384137	40.014	ng		99
49) Dimethylphthalate	9.61	163	290759	40.157	ng		99
50) 2,6-Dinitrotoluene	9.68	165	62028	40.674	ng	#	81
51) Acenaphthene	9.92	154	233141	40.557	ng		98
52) 3-Nitroaniline	9.85	138	70000	40.817	ng		89
53) 2,4-Dinitrophenol	9.96	184	26192	36.211	ng	#	15
54) Dibenzofuran	10.10	168	333687	40.281	ng		98
55) 4-Nitrophenol	10.01	139	41646	36.008	ng		95
56) 2,4-Dinitrotoluene	10.09	165	81133	39.698	ng	#	94
57) Fluorene	10.44	166	272144	40.412	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	65221	39.852	ng	#	87
59) Diethylphthalate	10.30	149	286641	40.137	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	135881	40.867	ng		91
61) 4-Nitroaniline	10.46	138	70993	39.879	ng		95
62) Azobenzene	10.59	77	240866	39.742	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	48518	38.456	ng		82
65) n-Nitrosodiphenylamine	10.55	169	261136	39.351	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	83492	39.654	ng	#	89
67) Hexachlorobenzene	10.99	284	86877	38.499	ng	#	91
68) Atrazine	11.07	200	80413	39.503	ng		98
69) Pentachlorophenol	11.19	266	46170	37.211	ng		100
70) Phenanthrene	11.40	178	407469	39.335	ng		98
71) Anthracene	11.46	178	410047	39.111	ng		99
72) Carbazole	11.61	167	371468	38.779	ng		99
73) Di-n-butylphthalate	11.93	149	476467	39.684	ng		99
74) Fluoranthene	12.59	202	445381	38.787	ng		96
76) Benzidine	12.72	184	224447	41.369	ng		100
77) Pyrene	12.83	202	455162	39.536	ng		98
79) Butylbenzylphthalate	13.43	149	202716	39.938	ng	#	90
80) Benzo(a)anthracene	14.02	228	423862	40.237	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	147576	40.451	ng	#	98
82) Chrysene	14.05	228	395226	40.398	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	287352	39.704	ng		99
84) Di-n-octyl phthalate	14.60	149	495632	41.131	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	358260	41.190	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	379356	39.425	ng		98
88) Benzo(k)fluoranthene	15.10	252	379896	40.073	ng	#	96
89) Benzo(a)pyrene	15.44	252	346588	39.620	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	306683	39.767	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	291427	40.098	ng	#	92

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

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