Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101086.D
Acq On : 4 Dec 2017 9:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/5/2017 3:23:28 PM

Quant Time: Dec 04 15:16:57 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	49449	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	205898	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	100394	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	199520	20.00	ng		0.00
75) Chrysene-d12	14.02	240	172399	20.00	ng		0.00
86) Perylene-d12	15.49	264	160781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	239462	80.02	ng		0.00
7) Phenol-d6	6.48	99	297595	81.91	ng		0.00
23) Nitrobenzene-d5	7.42	82	275285	79.76	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	95521	79.20	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	598903	81.62	ng		0.00
78) Terphenyl-d14	12.96	244	630303	79.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	48538	39.22	ng		98
3) Pyridine	3.37	79	120106	37.44	ng		93
4) n-Nitrosodimethylamine	3.33	42	67988	43.39	ng	#	89
6) Aniline	6.52	93	192738	40.80	ng		99
8) 2-Chlorophenol	6.63	128	132955	40.75	ng		96
9) Benzaldehyde	6.40	77	85060	38.25	ng		98
10) Phenol	6.49	94	165033	40.85	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	122435	40.41	ng		99
12) 1,3-Dichlorobenzene	6.79	146	155056	40.81	ng		97
13) 1,4-Dichlorobenzene	6.86	146	159526	40.56	ng		98
14) 1,2-Dichlorobenzene	7.02	146	150386	40.99	ng		95
15) Benzyl Alcohol	6.99	79	118538	42.24	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	169456	41.14	ng		98
17) 2-Methylphenol	7.10	107	106479	40.41	ng		98
18) Hexachloroethane	7.36	117	51472	40.73	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	101234	41.37	ng		94
20) 3+4-Methylphenols	7.26	107	142429	41.45	ng	#	73
22) Acetophenone	7.26	105	199928	40.19	ng	#	96
24) Nitrobenzene	7.43	77	135675	40.11	ng		100
25) Isophorone	7.67	82	235054	39.87	ng		99
26) 2-Nitrophenol	7.75	139	75164	40.48	ng		89
27) 2,4-Dimethylphenol	7.78	122	107896	40.16	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	157743	39.81	ng		98
29) 2,4-Dichlorophenol	7.99	162	117460	40.17	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	130321	40.53	ng		95
31) Naphthalene	8.16	128	403100	39.72	ng		99
32) Benzoic acid	7.92	122	84015m	40.21	ng		
33) 4-Chloroaniline	8.20	127	164469	40.34	ng		99
34) Hexachlorobutadiene	8.26	225	78493	39.80	ng		99
35) Caprolactam	8.59	113	34798	38.19	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	121709	40.18	ng		94
37) 2-Methylnaphthalene	8.85	142	274258	39.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	150850	41.36	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	40932	35.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	87739	41.04	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	94945	41.54	ng		95
45) 1,1'-Biphenyl	9.31	154	371508	40.39	ng		97
46) 2-Chloronaphthalene	9.33	162	262677	40.21	ng		98
47) 2-Nitroaniline	9.43	65	76686	39.68	ng		97
48) Acenaphthylene	9.75	152	427383	39.81	ng		99
49) Dimethylphthalate	9.61	163	318885	39.39	ng		98
50) 2,6-Dinitrotoluene	9.67	165	68156	39.97	ng		96
51) Acenaphthene	9.92	154	254754	39.63	ng		99
52) 3-Nitroaniline	9.85	138	75344	39.29	ng		99
53) 2,4-Dinitrophenol	9.96	184	29893	36.86	ng	#	16
54) Dibenzofuran	10.09	168	370358	39.98	ng		99
55) 4-Nitrophenol	10.01	139	49430	38.22	ng		88
56) 2,4-Dinitrotoluene	10.08	165	89162	39.01	ng	#	97
57) Fluorene	10.44	166	297259	39.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	74705	40.82	ng	#	85
59) Diethylphthalate	10.30	149	316383	39.62	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	150048	40.36	ng		90
61) 4-Nitroaniline	10.46	138	74893	37.62	ng		94
62) Azobenzene	10.59	77	263133	38.83	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	52337	39.11	ng		88
65) n-Nitrosodiphenylamine	10.55	169	279837	39.76	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	91241	40.86	ng	#	89
67) Hexachlorobenzene	10.99	284	97491	40.73	ng	#	85
68) Atrazine	11.07	200	85988	39.82	ng		96
69) Pentachlorophenol	11.18	266	52544	39.93	ng		98
70) Phenanthrene	11.40	178	434268	39.52	ng		98
71) Anthracene	11.45	178	437573	39.35	ng		99
72) Carbazole	11.61	167	394258	38.80	ng		98
73) Di-n-butylphthalate	11.93	149	497981	39.10	ng		98
74) Fluoranthene	12.59	202	460172	37.78	ng		94
76) Benzidine	12.71	184	235518	42.01	ng		99
77) Pyrene	12.82	202	472374	39.71	ng		98
79) Butylbenzylphthalate	13.43	149	208520	39.76	ng		94
80) Benzo(a)anthracene	14.01	228	429444	39.45	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	146795	38.94	ng	#	96
82) Chrysene	14.05	228	398611	39.43	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	299552	40.06	ng		98
84) Di-n-octyl phthalate	14.60	149	495647	39.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	360408	40.10	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	387631	40.25	ng	#	97
88) Benzo(k)fluoranthene	15.09	252	363852	38.35	ng	#	95
89) Benzo(a)pyrene	15.43	252	344000	39.29	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	304873	39.50	ng		96
91) Benzo(g,h,i)perylene	17.43	276	293613	40.36	ng	#	90

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

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