Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099575.D
Acq On : 17 Oct 2017 6:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
10/17/2017 5:02:15 PM

Quant Time: Oct 17 12:36:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98882	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	395159	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	167297	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	249369	20.00	ng		0.00
75) Chrysene-d12	14.02	240	172380	20.00	ng		0.00
86) Perylene-d12	15.49	264	186285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	519931	83.70	ng		0.00
7) Phenol-d6	6.49	99	617909	80.64	ng		0.00
23) Nitrobenzene-d5	7.42	82	496368	80.56	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	104981	76.69	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	897599	89.57	ng		0.00
78) Terphenyl-d14	12.95	244	628450	82.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	114896	38.722	ng	#	93
3) Pyridine	3.36	79	292815	36.480	ng		92
4) n-Nitrosodimethylamine	3.32	42	105518	31.000	ng		82
6) Aniline	6.51	93	392873	37.988	ng		99
8) 2-Chlorophenol	6.63	128	292932	41.643	ng		93
9) Benzaldehyde	6.40	77	150212	33.794	ng		94
10) Phenol	6.50	94	358099	41.786	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	262999	39.476	ng		98
12) 1,3-Dichlorobenzene	6.79	146	308266	41.845	ng		97
13) 1,4-Dichlorobenzene	6.86	146	310916	41.481	ng		98
14) 1,2-Dichlorobenzene	7.02	146	286666	41.392	ng		98
15) Benzyl Alcohol	6.99	79	194600	34.618	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	350144	33.733	ng		88
17) 2-Methylphenol	7.10	107	225700	39.213	ng		97
18) Hexachloroethane	7.35	117	102767	38.145	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	168122	34.365	ng		94
20) 3+4-Methylphenols	7.26	107	265533	36.468	ng	#	70
22) Acetophenone	7.26	105	361276	37.735	ng	#	96
24) Nitrobenzene	7.43	77	271665	38.866	ng		93
25) Isophorone	7.67	82	484232	38.010	ng		98
26) 2-Nitrophenol	7.75	139	153730	45.736	ng		92
27) 2,4-Dimethylphenol	7.78	122	245418	38.662	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	320757	40.402	ng		99
29) 2,4-Dichlorophenol	7.99	162	228861	41.993	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	234056	42.939	ng		98
31) Naphthalene	8.15	128	760826	40.995	ng		100
32) Benzoic acid	7.92	122	131814	25.280	ng		97
33) 4-Chloroaniline	8.20	127	315662	40.729	ng		95
34) Hexachlorobutadiene	8.26	225	118831	42.325	ng		99
35) Caprolactam	8.58	113	66472	38.023	ng	#	81
36) 4-Chloro-3-methylphenol	8.69	107	234884	38.344	ng		94
37) 2-Methylnaphthalene	8.84	142	485219	40.217	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	227325	45.563	ng		98
40) Hexachlorocyclopentadiene	8.99	237	30758	13.490	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	144724	40.945	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	148964	42.219	ng		96
45) 1,1'-Biphenyl	9.30	154	626110	43.546	ng		99
46) 2-Chloronaphthalene	9.33	162	467761	43.329	ng		96
47) 2-Nitroaniline	9.43	65	128156	38.770	ng		90
48) Acenaphthylene	9.75	152	684864	41.442	ng		100
49) Dimethylphthalate	9.60	163	548879	43.470	ng		100
50) 2,6-Dinitrotoluene	9.67	165	119509	43.475	ng	#	82
51) Acenaphthene	9.92	154	400702	38.277	ng		99
52) 3-Nitroaniline	9.85	138	134397	41.931	ng		93
53) 2,4-Dinitrophenol	9.96	184	8304	11.207	ng	#	90
54) Dibenzofuran	10.09	168	565649	40.582	ng		96
55) 4-Nitrophenol	10.01	139	101560	37.473	ng		88
56) 2,4-Dinitrotoluene	10.08	165	142405	39.916	ng	#	93
57) Fluorene	10.43	166	465074	41.513	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	90215	37.013	ng		97
59) Diethylphthalate	10.30	149	515775	41.804	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	214367	42.597	ng		94
61) 4-Nitroaniline	10.46	138	124572	40.285	ng		84
62) Azobenzene	10.58	77	412226	36.337	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	25898	17.069	ng		85
65) n-Nitrosodiphenylamine	10.54	169	416152	48.172	ng		98
66) 4-Bromophenyl-phenylether	10.91	248	117543	48.155	ng		94
67) Hexachlorobenzene	10.98	284	118316	45.384	ng		98
68) Atrazine	11.07	200	117581	45.238	ng		98
69) Pentachlorophenol	11.18	266	143192m	88.254	ng		
70) Phenanthrene	11.40	178	563891	42.245	ng		98
71) Anthracene	11.45	178	574433	42.060	ng		99
72) Carbazole	11.60	167	538440	40.259	ng		99
73) Di-n-butylphthalate	11.92	149	735792	45.706	ng		99
74) Fluoranthene	12.59	202	498958	36.915	ng		98
76) Benzidine	12.71	184	250175	39.239	ng		98
77) Pyrene	12.82	202	512614	38.998	ng		99
79) Butylbenzylphthalate	13.42	149	249991	40.467	ng		91
80) Benzo(a)anthracene	14.00	228	431491	41.338	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	167785	43.849	ng		99
82) Chrysene	14.04	228	426446	42.913	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	353283	41.532	ng	#	99
84) Di-n-octyl phthalate	14.59	149	633584	46.257	ng		95
85) Indeno(1,2,3-cd)pyrene	16.98	276	394615	49.641	ng		95
87) Benzo(b)fluoranthene	15.06	252	474996	41.471	ng	#	97
88) Benzo(k)fluoranthene	15.09	252	432609	38.241	ng		98
89) Benzo(a)pyrene	15.43	252	440097	41.860	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	336819	40.031	ng		98
91) Benzo(g,h,i)perylene	17.43	276	305474	36.729	ng		94

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

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