Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098573.D
Acq On : 15 Sep 2017 17:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/18/2017 3:33:42 PM

Quant Time: Sep 16 02:31:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	138741	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	583169	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	273692	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	506819	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	364441	20.00	ng		-0.01
86) Perylene-d12	15.20	264	287224	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	748332	79.75	ng		-0.02
7) Phenol-d6	6.30	99	906601	76.09	ng		-0.02
23) Nitrobenzene-d5	7.22	82	799353	76.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	180451	98.79	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1424177	88.20	ng		-0.02
78) Terphenyl-d14	12.75	244	1435303	85.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	161684	33.383	ng		91
3) Pyridine	2.93	79	424639	33.015	ng	#	84
4) n-Nitrosodimethylamine	2.90	42	201898m	32.018	ng		
6) Aniline	6.31	93	559447	37.429	ng	#	57
8) 2-Chlorophenol	6.43	128	419215	40.627	ng		95
9) Benzaldehyde	6.20	77	268073	34.420	ng		99
10) Phenol	6.32	94	530634	38.344	ng	#	70
11) bis(2-Chloroethyl)ether	6.39	93	383687	36.773	ng		95
12) 1,3-Dichlorobenzene	6.59	146	429312	41.336	ng		99
13) 1,4-Dichlorobenzene	6.66	146	436051	40.989	ng		96
14) 1,2-Dichlorobenzene	6.82	146	396541	40.914	ng		99
15) Benzyl Alcohol	6.80	79	321882	40.594	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	574153	33.444	ng	#	44
17) 2-Methylphenol	6.92	107	327404	38.911	ng	#	89
18) Hexachloroethane	7.15	117	159243	39.087	ng	#	86
19) n-Nitroso-di-n-propylamine	7.07	70	284154	37.916	ng		98
20) 3+4-Methylphenols	7.08	107	437567	41.209	ng	#	65
22) Acetophenone	7.07	105	602137	39.950	ng	#	90
24) Nitrobenzene	7.24	77	436831	36.662	ng		96
25) Isophorone	7.48	82	771321	36.444	ng		98
26) 2-Nitrophenol	7.55	139	220121	45.755	ng	#	80
27) 2,4-Dimethylphenol	7.60	122	364650	39.762	ng		97
28) bis(2-Chloroethoxy)methane	7.69	93	486608	37.680	ng		100
29) 2,4-Dichlorophenol	7.80	162	328703	43.095	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	362073	43.639	ng		99
31) Naphthalene	7.95	128	1168882	40.545	ng		100
32) Benzoic acid	7.77	122	254489	42.468	ng		98
33) 4-Chloroaniline	8.01	127	471191	40.216	ng		99
34) Hexachlorobutadiene	8.07	225	192798	45.264	ng		98
35) Caprolactam	8.40	113	103681	39.420	ng		95
36) 4-Chloro-3-methylphenol	8.51	107	390458	41.278	ng		86
37) 2-Methylnaphthalene	8.65	142	723740	41.444	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	369221	43.308	ng		99
40) Hexachlorocyclopentadiene	8.79	237	70761	34.691	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	224916	44.915	ng		92
43) 2,4,5-Trichlorophenol	8.98	196	226991	43.368	ng		93
45) 1,1'-Biphenyl	9.11	154	997566	40.722	ng		98
46) 2-Chloronaphthalene	9.13	162	716755	40.969	ng	#	93
47) 2-Nitroaniline	9.24	65	244256	36.375	ng		99
48) Acenaphthylene	9.55	152	1049723	40.354	ng		98
49) Dimethylphthalate	9.42	163	849298	40.088	ng		99
50) 2,6-Dinitrotoluene	9.49	165	187298	43.039	ng	#	89
51) Acenaphthene	9.72	154	670938	40.576	ng		98
52) 3-Nitroaniline	9.66	138	209357	39.853	ng		91
53) 2,4-Dinitrophenol	9.77	184	72520	40.022	ng	#	72
54) Dibenzofuran	9.89	168	881567	40.469	ng		100
55) 4-Nitrophenol	9.84	139	98583m	32.663	ng		
56) 2,4-Dinitrotoluene	9.89	165	230230	43.516	ng	#	60
57) Fluorene	10.23	166	744980	41.318	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	144323	41.029	ng		98
59) Diethylphthalate	10.12	149	800241	39.717	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	357476	42.924	ng	#	85
61) 4-Nitroaniline	10.27	138	193347	36.444	ng		87
62) Azobenzene	10.39	77	750667	34.568	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	132724	43.245	ng		80
65) n-Nitrosodiphenylamine	10.35	169	671375	40.797	ng		98
66) 4-Bromophenyl-phenylether	10.72	248	210970	43.859	ng		89
67) Hexachlorobenzene	10.78	284	225497	46.217	ng	#	87
68) Atrazine	10.88	200	209424	41.336	ng		98
69) Pentachlorophenol	10.99	266	64291	34.124	ng		98
70) Phenanthrene	11.19	178	1083365	40.322	ng		99
71) Anthracene	11.25	178	1129630	40.950	ng		98
72) Carbazole	11.40	167	1021884	39.749	ng		99
73) Di-n-butylphthalate	11.73	149	1256269	40.784	ng		99
74) Fluoranthene	12.38	202	1111572	41.327	ng		98
76) Benzidine	12.50	184	593593	36.803	ng		96
77) Pyrene	12.60	202	1142071	39.725	ng		99
79) Butylbenzylphthalate	13.23	149	511569	41.017	ng	#	86
80) Benzo(a)anthracene	13.79	228	866467	40.553	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	351617	42.345	ng	#	95
82) Chrysene	13.83	228	860434	39.839	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	686086	43.831	ng	#	99
84) Di-n-octyl phthalate	14.39	149	1122143	41.784	ng		100
85) Indeno(1,2,3-cd)pyrene	16.55	276	615872	40.644	ng		96
87) Benzo(b)fluoranthene	14.81	252	714049	39.538	ng		99
88) Benzo(k)fluoranthene	14.84	252	740070	43.895	ng	#	95
89) Benzo(a)pyrene	15.15	252	661440	41.110	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	499878	42.710	ng		99
91) Benzo(g,h,i)perylene	16.95	276	499403	42.423	ng		96

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

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