Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099397.D
Acq On : 12 Oct 2017 16:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/13/2017 3:05:33 PM

Quant Time: Oct 12 16:58:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 16:21:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124013	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	527169	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	240236	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	411777	20.00	ng		0.00
75) Chrysene-d12	14.02	240	296865	20.00	ng		0.00
86) Perylene-d12	15.49	264	240961	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	628592	80.69	ng		0.00
7) Phenol-d6	6.49	99	791533	82.36	ng		0.00
23) Nitrobenzene-d5	7.42	82	669141	81.40	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	165193	84.03	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1215109	84.44	ng		0.00
78) Terphenyl-d14	12.96	244	1081799	82.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	139545	37.499	ng		94
3) Pyridine	3.40	79	374975	37.249	ng		94
4) n-Nitrosodimethylamine	3.36	42	144933	33.951	ng		84
6) Aniline	6.52	93	524958	40.474	ng		97
8) 2-Chlorophenol	6.64	128	366874	41.586	ng		96
9) Benzaldehyde	6.41	77	199185	35.731	ng		92
10) Phenol	6.50	94	454528	42.290	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	341085	40.822	ng		98
12) 1,3-Dichlorobenzene	6.79	146	386659	41.850	ng		98
13) 1,4-Dichlorobenzene	6.87	146	394587	41.976	ng		98
14) 1,2-Dichlorobenzene	7.03	146	359720	41.414	ng		97
15) Benzyl Alcohol	7.00	79	261278	37.060	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	484712	37.234	ng		95
17) 2-Methylphenol	7.11	107	299212	41.451	ng		97
18) Hexachloroethane	7.36	117	136178	40.303	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	227666	37.105	ng		91
20) 3+4-Methylphenols	7.26	107	349640	38.288	ng	#	79
22) Acetophenone	7.27	105	478005	37.425	ng	#	98
24) Nitrobenzene	7.45	77	371032	39.789	ng		91
25) Isophorone	7.68	82	671710	39.523	ng		98
26) 2-Nitrophenol	7.76	139	211109	47.079	ng	#	88
27) 2,4-Dimethylphenol	7.79	122	325648	38.455	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	429691	40.570	ng		99
29) 2,4-Dichlorophenol	8.00	162	311789	42.883	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	309169	42.516	ng		98
31) Naphthalene	8.16	128	1018678	41.144	ng		99
32) Benzoic acid	7.94	122	275981m	39.675	ng		
33) 4-Chloroaniline	8.21	127	430185	41.606	ng		97
34) Hexachlorobutadiene	8.27	225	156538	41.794	ng		98
35) Caprolactam	8.60	113	97445	41.782	ng		89
36) 4-Chloro-3-methylphenol	8.69	107	328455	40.192	ng		96
37) 2-Methylnaphthalene	8.85	142	667676	41.482	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	306544	42.786	ng		99
40) Hexachlorocyclopentadiene	9.00	237	132894	40.589	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	209043	41.186	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	211362	41.716	ng		98
45) 1,1'-Biphenyl	9.32	154	849637	41.151	ng		99
46) 2-Chloronaphthalene	9.34	162	649515	41.899	ng		97
47) 2-Nitroaniline	9.44	65	186966	39.388	ng		96
48) Acenaphthylene	9.76	152	965252	40.675	ng		100
49) Dimethylphthalate	9.62	163	756267	41.710	ng		100
50) 2,6-Dinitrotoluene	9.68	165	171251	43.383	ng		92
51) Acenaphthene	9.93	154	569282	37.870	ng		100
52) 3-Nitroaniline	9.86	138	197739	42.962	ng		89
53) 2,4-Dinitrophenol	9.96	184	74114	39.264	ng		96
54) Dibenzofuran	10.10	168	798292	39.884	ng		100
55) 4-Nitrophenol	10.02	139	128922	33.126	ng		89
56) 2,4-Dinitrotoluene	10.09	165	214533	41.876	ng	#	93
57) Fluorene	10.44	166	665088	41.342	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	141456	40.416	ng		97
59) Diethylphthalate	10.31	149	703192	39.690	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	293459	40.609	ng		99
61) 4-Nitroaniline	10.47	138	197763	44.536	ng		87
62) Azobenzene	10.59	77	606341	37.220	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	120274	48.007	ng		88
65) n-Nitrosodiphenylamine	10.55	169	593399	41.598	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	172349	42.760	ng		90
67) Hexachlorobenzene	10.99	284	184935	42.959	ng		98
68) Atrazine	11.08	200	180826	42.131	ng		99
69) Pentachlorophenol	11.19	266	116022	43.305	ng		97
70) Phenanthrene	11.40	178	902599	40.950	ng		99
71) Anthracene	11.46	178	935407	41.477	ng		99
72) Carbazole	11.61	167	910079	41.208	ng		99
73) Di-n-butylphthalate	11.93	149	1075156	40.445	ng		99
74) Fluoranthene	12.59	202	905850	40.586	ng		99
76) Benzidine	12.71	184	464608	42.314	ng		99
77) Pyrene	12.82	202	948770	41.912	ng		99
79) Butylbenzylphthalate	13.43	149	447269	42.041	ng		95
80) Benzo(a)anthracene	14.01	228	753820	41.935	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	276427	41.948	ng		100
82) Chrysene	14.05	228	713114	41.669	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	584525	39.902	ng		100
84) Di-n-octyl phthalate	14.59	149	974344	41.306	ng		95
85) Indeno(1,2,3-cd)pyrene	16.98	276	536537	39.192	ng		96
87) Benzo(b)fluoranthene	15.06	252	654142m	44.153	ng		
88) Benzo(k)fluoranthene	15.09	252	586315	40.068	ng		99
89) Benzo(a)pyrene	15.43	252	574770	42.265	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	436971	40.150	ng		97
91) Benzo(g,h,i)perylene	17.43	276	448193	41.661	ng		98

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

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