Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103319.D
Acq On : 1 Mar 2018 3:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/1/2018 11:43:46 AM

Quant Time: Mar 01 05:56:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158879	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	633548	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	244540	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	340763	20.00	ng		0.00
75) Chrysene-d12	14.06	240	267529	20.00	ng		0.00
86) Perylene-d12	15.56	264	214597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	834146	79.41	ng		0.00
7) Phenol-d6	6.52	99	961489	74.80	ng		0.00
23) Nitrobenzene-d5	7.45	82	881376	79.45	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	116662	56.36	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1193972	83.82	ng		0.00
78) Terphenyl-d14	12.99	244	729193	65.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	223409	40.266	ng		93
3) Pyridine	3.40	79	626918	42.324	ng		95
4) n-Nitrosodimethylamine	3.36	42	275692	46.150	ng	#	87
6) Aniline	6.54	93	695411	37.485	ng		91
8) 2-Chlorophenol	6.66	128	408256	37.411	ng		92
9) Benzaldehyde	6.43	77	304623	38.587	ng		98
10) Phenol	6.53	94	548882	36.782	ng		85
11) bis(2-Chloroethyl)ether	6.61	93	445785	39.360	ng		91
12) 1,3-Dichlorobenzene	6.82	146	470881	37.758	ng		97
13) 1,4-Dichlorobenzene	6.89	146	474757	37.971	ng		99
14) 1,2-Dichlorobenzene	7.05	146	426114	36.960	ng		98
15) Benzyl Alcohol	7.02	79	360799	37.248	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	720919	37.068	ng		89
17) 2-Methylphenol	7.13	107	362103	36.512	ng	#	94
18) Hexachloroethane	7.39	117	145111	31.881	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	298152	37.269	ng		94
20) 3+4-Methylphenols	7.29	107	428070	35.410	ng	#	59
22) Acetophenone	7.29	105	568624	38.452	ng	#	86
24) Nitrobenzene	7.46	77	489105	40.044	ng		94
25) Isophorone	7.70	82	847606	38.793	ng		96
26) 2-Nitrophenol	7.77	139	197539	34.355	ng		91
27) 2,4-Dimethylphenol	7.81	122	331844	37.756	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	503666	39.208	ng		99
29) 2,4-Dichlorophenol	8.02	162	317105	37.684	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	333621	37.231	ng		97
31) Naphthalene	8.18	128	1138928	36.719	ng		99
32) Benzoic acid	7.93	122	185744	31.296	ng		97
33) 4-Chloroaniline	8.23	127	493809	36.894	ng		97
34) Hexachlorobutadiene	8.29	225	175837	37.683	ng		99
35) Caprolactam	8.61	113	104897	35.469	ng	#	76
36) 4-Chloro-3-methylphenol	8.72	107	341103	35.939	ng		98
37) 2-Methylnaphthalene	8.87	142	700801	34.960	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	267016	39.941	ng		97
40) Hexachlorocyclopentadiene	9.02	237	1646	9.503	ng	#	72

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	176773	39.297	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	194254	37.546	ng		98
45) 1,1'-Biphenyl	9.33	154	810441	39.551	ng		98
46) 2-Chloronaphthalene	9.36	162	626451	38.643	ng		99
47) 2-Nitroaniline	9.46	65	258968	43.126	ng	#	82
48) Acenaphthylene	9.78	152	926492	37.145	ng		99
49) Dimethylphthalate	9.63	163	776783	39.597	ng		99
50) 2,6-Dinitrotoluene	9.70	165	144851	35.186	ng	#	84
51) Acenaphthene	9.95	154	523497	35.993	ng		99
52) 3-Nitroaniline	9.87	138	197139	37.744	ng		92
53) 2,4-Dinitrophenol	10.01	184	1372	10.433	ng	#	32
54) Dibenzofuran	10.12	168	720558	36.090	ng		96
55) 4-Nitrophenol	10.05	139	102516	31.669	ng	#	87
56) 2,4-Dinitrotoluene	10.11	165	163059	31.318	ng	#	78
57) Fluorene	10.47	166	550492	32.366	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	107775	31.010	ng		91
59) Diethylphthalate	10.33	149	718109	38.274	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	255027	35.359	ng		93
61) 4-Nitroaniline	10.49	138	180142	34.531	ng		98
62) Azobenzene	10.62	77	703015	36.811	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	4906	7.068	ng	#	76
65) n-Nitrosodiphenylamine	10.57	169	496517	41.848	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	140137	39.478	ng		100
67) Hexachlorobenzene	11.02	284	136884	35.528	ng		92
68) Atrazine	11.10	200	132276	37.091	ng		98
69) Pentachlorophenol	11.22	266	77539	41.622	ng		97
70) Phenanthrene	11.43	178	678938	36.204	ng		99
71) Anthracene	11.49	178	708461	36.841	ng		99
72) Carbazole	11.64	167	700025	36.555	ng		98
73) Di-n-butylphthalate	11.96	149	956495	39.916	ng		99
74) Fluoranthene	12.63	202	693725	36.812	ng		98
76) Benzidine	12.74	184	367070	36.701	ng		98
77) Pyrene	12.86	202	729261	34.963	ng		99
79) Butylbenzylphthalate	13.46	149	398998	36.206	ng		92
80) Benzo(a)anthracene	14.05	228	646098	37.221	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	243126	39.247	ng		100
82) Chrysene	14.09	228	619711	36.768	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	540575	36.350	ng		99
84) Di-n-octyl phthalate	14.63	149	968601	40.312	ng		96
85) Indeno(1,2,3-cd)pyrene	17.09	276	424063m	31.781	ng		
87) Benzo(b)fluoranthene	15.12	252	555512	39.371	ng		97
88) Benzo(k)fluoranthene	15.14	252	497478	37.443	ng		99
89) Benzo(a)pyrene	15.49	252	462498	36.707	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	351970	36.151	ng		99
91) Benzo(g,h,i)perylene	17.54	276	341369	35.875	ng		96

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

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