Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103512.D
Acq On : 8 Mar 2018 13:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/9/2018 11:39:14 AM

Quant Time: Mar 08 14:22:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143332	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	615111	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	290378	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	499865	20.00	ng		0.00
75) Chrysene-d12	14.06	240	338977	20.00	ng		0.00
86) Perylene-d12	15.57	264	330401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	730862	77.12	ng		0.00
7) Phenol-d6	6.50	99	913208	78.75	ng		0.00
23) Nitrobenzene-d5	7.44	82	869840	80.76	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	166830	67.88	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1275290	73.17	ng		0.00
78) Terphenyl-d14	12.99	244	1008863	71.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	184214	36.803	ng		93
3) Pyridine	3.42	79	498621m	37.314	ng		
4) n-Nitrosodimethylamine	3.37	42	205444m	38.121	ng		
6) Aniline	6.53	93	629759	37.628	ng	#	84
8) 2-Chlorophenol	6.65	128	392285	39.846	ng		89
9) Benzaldehyde	6.42	77	252122	34.325	ng		94
10) Phenol	6.52	94	515576	38.298	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	409910	40.118	ng		93
12) 1,3-Dichlorobenzene	6.80	146	437826	38.916	ng		97
13) 1,4-Dichlorobenzene	6.88	146	454145	40.262	ng		99
14) 1,2-Dichlorobenzene	7.03	146	392791	37.765	ng		99
15) Benzyl Alcohol	7.02	79	317668	36.353	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	644075	36.709	ng		68
17) 2-Methylphenol	7.12	107	346797	38.762	ng	#	92
18) Hexachloroethane	7.37	117	156992	38.233	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	296411	41.070	ng		95
20) 3+4-Methylphenols	7.28	107	447004	40.987	ng	#	53
22) Acetophenone	7.28	105	579557	40.366	ng	#	89
24) Nitrobenzene	7.46	77	491149	41.416	ng		97
25) Isophorone	7.69	82	837870	39.497	ng		95
26) 2-Nitrophenol	7.77	139	226295	40.535	ng		93
27) 2,4-Dimethylphenol	7.80	122	326888	38.307	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	486717	39.024	ng		97
29) 2,4-Dichlorophenol	8.02	162	321063	39.298	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	329392	37.861	ng		99
31) Naphthalene	8.17	128	1107981	36.792	ng		99
32) Benzoic acid	7.96	122	248658	40.534	ng		96
33) 4-Chloroaniline	8.23	127	512869	39.466	ng		97
34) Hexachlorobutadiene	8.27	225	172330	38.038	ng		98
35) Caprolactam	8.61	113	108552	37.805	ng	#	77
36) 4-Chloro-3-methylphenol	8.72	107	383278	41.593	ng		99
37) 2-Methylnaphthalene	8.86	142	761380	39.120	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	299950	37.785	ng		99
40) Hexachlorocyclopentadiene	9.00	237	95479	39.216	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	191124	35.781	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	220291	35.857	ng		98
45) 1,1'-Biphenyl	9.33	154	895858	36.818	ng		99
46) 2-Chloronaphthalene	9.36	162	710644	36.916	ng		99
47) 2-Nitroaniline	9.46	65	281726	39.510	ng		91
48) Acenaphthylene	9.77	152	1050484	35.467	ng		99
49) Dimethylphthalate	9.63	163	804742	34.546	ng		99
50) 2,6-Dinitrotoluene	9.70	165	174431	35.682	ng		94
51) Acenaphthene	9.95	154	611864	35.428	ng		99
52) 3-Nitroaniline	9.88	138	231825	37.379	ng		100
53) 2,4-Dinitrophenol	10.00	184	53483	36.267	ng	#	22
54) Dibenzofuran	10.12	168	846027	35.685	ng		96
55) 4-Nitrophenol	10.06	139	123765	32.198	ng		90
56) 2,4-Dinitrotoluene	10.12	165	210470	34.043	ng	#	75
57) Fluorene	10.46	166	708574	35.084	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	136505	33.076	ng	#	93
59) Diethylphthalate	10.32	149	806927	36.219	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	309027	36.082	ng		100
61) 4-Nitroaniline	10.50	138	220809	35.644	ng		97
62) Azobenzene	10.61	77	871939	38.449	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	98458	33.982	ng		94
65) n-Nitrosodiphenylamine	10.57	169	640952	36.827	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	182851	35.116	ng		93
67) Hexachlorobenzene	11.01	284	198785	35.172	ng		98
68) Atrazine	11.10	200	180132	34.434	ng		99
69) Pentachlorophenol	11.22	266	106364	38.922	ng		98
70) Phenanthrene	11.43	178	994039	36.135	ng		99
71) Anthracene	11.48	178	1051145	37.263	ng		99
72) Carbazole	11.64	167	1063508	37.859	ng		99
73) Di-n-butylphthalate	11.95	149	1291687	36.747	ng		99
74) Fluoranthene	12.62	202	990873	35.845	ng		98
76) Benzidine	12.74	184	531877	41.970	ng		99
77) Pyrene	12.86	202	1004888	38.023	ng		99
79) Butylbenzylphthalate	13.45	149	554671	39.723	ng		93
80) Benzo(a)anthracene	14.05	228	826607	37.583	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	275473	35.096	ng		98
82) Chrysene	14.09	228	808435	37.856	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	679838	36.079	ng		98
84) Di-n-octyl phthalate	14.63	149	1219789	40.066	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	638619	37.773	ng		97
87) Benzo(b)fluoranthene	15.13	252	744868	34.288	ng		98
88) Benzo(k)fluoranthene	15.16	252	776660	37.967	ng		99
89) Benzo(a)pyrene	15.51	252	705766	36.381	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	541095	36.097	ng		98
91) Benzo(g,h,i)perylene	17.58	276	527868	36.031	ng		97

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

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