Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103697.D
Acq On : 16 Mar 2018 15:32
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/19/2018 2:00:51 PM

Quant Time: Mar 17 04:38:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136819	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	582209	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	276017	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	506786	20.00	ng		0.00
75) Chrysene-d12	14.15	240	412380	20.00	ng		0.00
86) Perylene-d12	15.69	264	317635	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	746463	82.98	ng		0.00
7) Phenol-d6	6.58	99	909735	82.66	ng		0.00
23) Nitrobenzene-d5	7.53	82	796021	95.35	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	222092	93.58	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1343965	77.67	ng		0.00
78) Terphenyl-d14	13.09	244	1382173	77.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	182012	41.092	ng		92
3) Pyridine	3.57	79	502799	41.271	ng		92
4) n-Nitrosodimethylamine	3.53	42	180058	40.084	ng	#	93
6) Aniline	6.63	93	652481	41.521	ng		96
8) 2-Chlorophenol	6.75	128	396213	42.047	ng		96
9) Benzaldehyde	6.52	77	295040	40.808	ng		97
10) Phenol	6.60	94	488194	41.747	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	389570	40.354	ng		98
12) 1,3-Dichlorobenzene	6.91	146	439480	40.949	ng		99
13) 1,4-Dichlorobenzene	6.99	146	439853	40.785	ng		99
14) 1,2-Dichlorobenzene	7.14	146	415054	41.474	ng		99
15) Benzyl Alcohol	7.10	79	351412	41.212	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	554667	40.396	ng		96
17) 2-Methylphenol	7.20	107	348528	41.533	ng		99
18) Hexachloroethane	7.48	117	161350	42.533	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	288331	40.881	ng		97
20) 3+4-Methylphenols	7.36	107	447450	42.016	ng		95
22) Acetophenone	7.37	105	588555	39.334	ng	#	95
24) Nitrobenzene	7.55	77	439619	44.852	ng		98
25) Isophorone	7.79	82	761472	39.400	ng		99
26) 2-Nitrophenol	7.86	139	191242	50.637	ng		98
27) 2,4-Dimethylphenol	7.89	122	344090	41.559	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	471263	40.268	ng		99
29) 2,4-Dichlorophenol	8.10	162	318219	42.245	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	350203	40.084	ng		99
31) Naphthalene	8.27	128	1166095	39.649	ng		100
32) Benzoic acid	7.97	122	127375m	27.209	ng		
33) 4-Chloroaniline	8.32	127	505825	40.996	ng		98
34) Hexachlorobutadiene	8.39	225	190853	39.843	ng		99
35) Caprolactam	8.69	113	108453	41.812	ng		89
36) 4-Chloro-3-methylphenol	8.79	107	351021	42.270	ng		98
37) 2-Methylnaphthalene	8.96	142	747137	40.060	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	314334	39.918	ng		98
40) Hexachlorocyclopentadiene	9.11	237	178177	43.851	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	220367	43.752 ng		100
43) 2,4,5-Trichlorophenol	9.27	196	252245	44.371 ng		96
45) 1,1'-Biphenyl	9.43	154	909522	39.517 ng		100
46) 2-Chloronaphthalene	9.45	162	739104	40.431 ng		99
47) 2-Nitroaniline	9.55	65	225420	47.260 ng		96
48) Acenaphthylene	9.87	152	1138691	40.169 ng		100
49) Dimethylphthalate	9.72	163	858368	40.761 ng		99
50) 2,6-Dinitrotoluene	9.79	165	186666	46.003 ng		95
51) Acenaphthene	10.05	154	678386	40.304 ng		99
52) 3-Nitroaniline	9.96	138	221231	45.527 ng		95
53) 2,4-Dinitrophenol	10.06	184	29989	39.800 ng	#	28
54) Dibenzofuran	10.22	168	966690	40.213 ng		99
55) 4-Nitrophenol	10.10	139	165961	45.341 ng		97
56) 2,4-Dinitrotoluene	10.19	165	244140	47.395 ng		95
57) Fluorene	10.56	166	753864	40.413 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	183730	45.611 ng		97
59) Diethylphthalate	10.42	149	868909	41.572 ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	347211	40.728 ng		98
61) 4-Nitroaniline	10.57	138	217846	46.489 ng		97
62) Azobenzene	10.71	77	854431	40.209 ng		95
64) 4,6-Dinitro-2-methylphenol	10.59	198	79427	44.370 ng		99
65) n-Nitrosodiphenylamine	10.67	169	684693	39.692 ng		100
66) 4-Bromophenyl-phenylether	11.04	248	211466	40.640 ng		94
67) Hexachlorobenzene	11.10	284	234645	39.510 ng		95
68) Atrazine	11.19	200	226735	42.490 ng		99
69) Pentachlorophenol	11.29	266	134063	39.265 ng		95
70) Phenanthrene	11.52	178	1107058	39.934 ng		99
71) Anthracene	11.57	178	1131893	40.200 ng		100
72) Carbazole	11.73	167	1100012	40.195 ng		100
73) Di-n-butylphthalate	12.05	149	1360128	41.421 ng		100
74) Fluoranthene	12.72	202	1156926	40.508 ng		99
76) Benzidine	12.83	184	679145	38.614 ng		100
77) Pyrene	12.94	202	1201763	39.682 ng		100
79) Butylbenzylphthalate	13.56	149	588508	43.860 ng		97
80) Benzo(a)anthracene	14.14	228	1032310	39.547 ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	358913	41.106 ng		98
82) Chrysene	14.17	228	989449	39.764 ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	817152	42.630 ng		99
84) Di-n-octyl phthalate	14.75	149	1202242	43.112 ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	762404	35.085 ng		97
87) Benzo(b)fluoranthene	15.23	252	854959	42.604 ng		98
88) Benzo(k)fluoranthene	15.26	252	826210	42.831 ng		99
89) Benzo(a)pyrene	15.62	252	747249	41.055 ng		98
90) Dibenzo(a,h)anthracene	17.27	278	635291	40.309 ng		98
91) Benzo(g,h,i)perylene	17.72	276	619701	40.417 ng		98

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

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