Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098410.D
Acq On : 11 Sep 2017 18:40
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Manual Integrations APPROVED
Sohil
9/12/2017 6:02:02 PM

Quant Time: Sep 11 19:45:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	209489	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	883465	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	398025	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	733489	20.00	ng		0.00
75) Chrysene-d12	13.82	240	501072	20.00	ng		0.00
86) Perylene-d12	15.21	264	395467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1133411	79.99	ng		0.00
7) Phenol-d6	6.32	99	1399097	77.77	ng		0.00
23) Nitrobenzene-d5	7.24	82	1282449	80.93	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	226168	85.14	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1886807	80.35	ng		0.00
78) Terphenyl-d14	12.77	244	1842147	79.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	291149	39.812	ng		89
3) Pyridine	2.98	79	772324	39.768	ng	#	83
4) n-Nitrosodimethylamine	2.95	42	396165	41.608	ng		91
6) Aniline	6.33	93	869506	38.527	ng	#	23
8) 2-Chlorophenol	6.46	128	612667	39.323	ng		95
9) Benzaldehyde	6.22	77	466797	39.694	ng		92
10) Phenol	6.33	94	815222	39.015	ng	#	62
11) bis(2-Chloroethyl)ether	6.41	93	629741	39.973	ng		93
12) 1,3-Dichlorobenzene	6.61	146	618516	39.442	ng		97
13) 1,4-Dichlorobenzene	6.69	146	625014	38.910	ng		95
14) 1,2-Dichlorobenzene	6.84	146	567287	38.764	ng		98
15) Benzyl Alcohol	6.82	79	461049	38.509	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1026498	39.600	ng		84
17) 2-Methylphenol	6.94	107	503495	39.631	ng		93
18) Hexachloroethane	7.17	117	246000	39.989	ng	#	80
19) n-Nitroso-di-n-propylamine	7.09	70	432513	38.222	ng		97
20) 3+4-Methylphenols	7.10	107	624393	38.945	ng	#	68
22) Acetophenone	7.09	105	891135	39.027	ng	#	95
24) Nitrobenzene	7.26	77	729410	40.409	ng		95
25) Isophorone	7.50	82	1264236	39.430	ng		100
26) 2-Nitrophenol	7.57	139	316132	43.376	ng	#	80
27) 2,4-Dimethylphenol	7.62	122	546838	39.360	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	787972	40.276	ng		99
29) 2,4-Dichlorophenol	7.82	162	472361	40.880	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	497117	39.550	ng		100
31) Naphthalene	7.97	128	1707463	39.095	ng		99
32) Benzoic acid	7.78	122	358919	40.086	ng		96
33) 4-Chloroaniline	8.03	127	708804	39.933	ng		97
34) Hexachlorobutadiene	8.09	225	256586	39.764	ng		97
35) Caprolactam	8.42	113	161633	40.565	ng	#	60
36) 4-Chloro-3-methylphenol	8.52	107	574473	40.089	ng	#	83
37) 2-Methylnaphthalene	8.66	142	1040886	39.345	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	485187	39.133	ng		99
40) Hexachlorocyclopentadiene	8.82	237	126508	40.392	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	301127	41.350	ng		92
43) 2,4,5-Trichlorophenol	8.99	196	314350	41.298	ng		95
45) 1,1'-Biphenyl	9.13	154	1387715	38.953	ng		97
46) 2-Chloronaphthalene	9.15	162	997888	39.221	ng	#	91
47) 2-Nitroaniline	9.26	65	405547	41.529	ng		93
48) Acenaphthylene	9.57	152	1481132	39.152	ng		99
49) Dimethylphthalate	9.43	163	1209287	39.249	ng		100
50) 2,6-Dinitrotoluene	9.50	165	266356	42.086	ng	#	54
51) Acenaphthene	9.74	154	933986	38.840	ng		98
52) 3-Nitroaniline	9.67	138	313418	41.025	ng		94
53) 2,4-Dinitrophenol	9.78	184	106794	40.419	ng	#	68
54) Dibenzofuran	9.91	168	1217392	38.428	ng		97
55) 4-Nitrophenol	9.85	139	181170	41.276	ng	#	35
56) 2,4-Dinitrotoluene	9.90	165	316085	41.081	ng	#	50
57) Fluorene	10.25	166	1008773	38.471	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	214529	41.937	ng		99
59) Diethylphthalate	10.13	149	1153536	39.368	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	462752	38.208	ng		88
61) 4-Nitroaniline	10.28	138	317299	41.126	ng		78
62) Azobenzene	10.40	77	1226651	38.842	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	179982	40.833	ng		90
65) n-Nitrosodiphenylamine	10.37	169	925784	38.871	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	278273	39.973	ng		95
67) Hexachlorobenzene	10.80	284	278711	39.470	ng	#	81
68) Atrazine	10.90	200	280606	38.270	ng		100
69) Pentachlorophenol	11.00	266	110751	39.297	ng		97
70) Phenanthrene	11.21	178	1508826	38.803	ng		99
71) Anthracene	11.26	178	1543805	38.670	ng		99
72) Carbazole	11.42	167	1429651	38.425	ng		99
73) Di-n-butylphthalate	11.75	149	1757252	39.419	ng		99
74) Fluoranthene	12.39	202	1518667	39.014	ng		98
76) Benzidine	12.52	184	858480	38.712	ng		100
77) Pyrene	12.62	202	1552910	39.286	ng		100
79) Butylbenzylphthalate	13.24	149	714121	41.644	ng	#	71
80) Benzo(a)anthracene	13.81	228	1159284	39.462	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	455428	39.892	ng	#	97
82) Chrysene	13.84	228	1141426	38.438	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	862253	40.065	ng		98
84) Di-n-octyl phthalate	14.41	149	1502164	40.682	ng		96
85) Indeno(1,2,3-cd)pyrene	16.56	276	746222	35.818	ng		98
87) Benzo(b)fluoranthene	14.82	252	970950	39.047	ng		98
88) Benzo(k)fluoranthene	14.85	252	962094m	41.445	ng		
89) Benzo(a)pyrene	15.16	252	884348	39.920	ng		96
90) Dibenzo(a,h)anthracene	16.57	278	610088	37.859	ng		98
91) Benzo(g,h,i)perylene	16.96	276	609181	37.584	ng		98

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

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