Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109915.D
Acq On : 17 Oct 2018 11:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/18/2018 2:04:06 PM

Quant Time: Oct 17 12:38:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	256022	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	1046836	20.00	ng		0.00
39) Acenaphthene-d10	10.03	164	489735	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	918964	20.00	ng		0.00
76) Chrysene-d12	14.16	240	677781	20.00	ng		0.00
87) Perylene-d12	15.69	264	484294	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1242502	76.93	ng		0.00
7) Phenol-d6	6.60	99	1569689	78.27	ng		0.00
23) Nitrobenzene-d5	7.55	82	1370864	88.22	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	362425	85.48	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2338828	76.20	ng		0.00
79) Terphenyl-d14	13.10	244	2350996	72.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	347570	37.888	ng		92
3) Pyridine	3.63	79	798478	39.042	ng		87
4) n-Nitrosodimethylamine	3.59	42	318421	38.167	ng		100
6) Aniline	6.65	93	1053895	38.993	ng	#	53
8) 2-Chlorophenol	6.76	128	713207	39.421	ng		96
9) Benzaldehyde	6.53	77	498915	38.280	ng		97
10) Phenol	6.61	94	840403	38.811	ng	#	64
11) bis(2-Chloroethyl)ether	6.72	93	687348	37.964	ng		95
12) 1,3-Dichlorobenzene	6.92	146	767549	38.690	ng		98
13) 1,4-Dichlorobenzene	7.00	146	772729	38.676	ng		98
14) 1,2-Dichlorobenzene	7.16	146	718602	39.059	ng		98
15) Benzyl Alcohol	7.12	79	611299	39.618	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1104044	37.152	ng		68
17) 2-Methylphenol	7.22	107	567067	38.870	ng	#	81
18) Hexachloroethane	7.50	117	278095	39.387	ng		100
19) n-Nitroso-di-n-propylamine	7.39	70	479404	37.228	ng		95
20) 3+4-Methylphenols	7.37	107	726688	39.253	ng	#	88
22) Acetophenone	7.39	105	923511	38.041	ng	#	97
24) Nitrobenzene	7.56	77	716987	42.471	ng		97
25) Isophorone	7.80	82	1160808	38.016	ng		98
26) 2-Nitrophenol	7.88	139	334687	47.815	ng		91
27) 2,4-Dimethylphenol	7.90	122	574701	39.075	ng		96
28) bis(2-Chloroethoxy)methane	8.01	93	794908	37.933	ng		99
29) 2,4-Dichlorophenol	8.12	162	574863	40.291	ng		100
30) 1,2,4-Trichlorobenzene	8.20	180	628827	39.363	ng		96
31) Naphthalene	8.29	128	1845011	38.434	ng		99
32) Benzoic acid	8.00	122	328334m	35.829	ng		
33) 4-Chloroaniline	8.33	127	847407	39.270	ng		98
34) Hexachlorobutadiene	8.40	225	340468	38.649	ng		98
35) Caprolactam	8.70	113	200282	39.526	ng	#	86
36) 4-Chloro-3-methylphenol	8.80	107	605566	40.233	ng		95
37) 2-Methylnaphthalene	8.98	142	1213917	39.053	ng		98
38) 1-Methylnaphthalene	9.08	142	1170003	38.844	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	584214	38.730	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	293538	40.318	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	383304	40.638	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	402900	41.157	ng		94
46) 1,1'-Biphenyl	9.45	154	1671886	38.317	ng		99
47) 2-Chloronaphthalene	9.47	162	1242287	38.652	ng		97
48) 2-Nitroaniline	9.56	65	387681	47.002	ng		96
49) Acenaphthylene	9.89	152	1796226	38.470	ng		96
50) Dimethylphthalate	9.74	163	1347552	38.859	ng		99
51) 2,6-Dinitrotoluene	9.80	165	310118	47.084	ng		95
52) Acenaphthene	10.06	154	1162959	39.123	ng		98
53) 3-Nitroaniline	9.97	138	372427	46.483	ng		93
54) 2,4-Dinitrophenol	10.07	184	73493	40.035	ng		96
55) Dibenzofuran	10.23	168	1642242	38.738	ng		96
56) 4-Nitrophenol	10.12	139	275910	45.132	ng		88
57) 2,4-Dinitrotoluene	10.21	165	393412	47.353	ng	#	84
58) Fluorene	10.57	166	1184519	38.383	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	331241	42.695	ng		97
60) Diethylphthalate	10.44	149	1297099	37.871	ng		97
61) 4-Chlorophenyl-phenylether	10.56	204	625156	38.889	ng		99
62) 4-Nitroaniline	10.59	138	356568	47.014	ng		89
63) Azobenzene	10.73	77	1336667	37.357	ng		94
65) 4,6-Dinitro-2-methylphenol	10.62	198	131760	40.964	ng		88
66) n-Nitrosodiphenylamine	10.68	169	1163759	38.023	ng		96
67) 4-Bromophenyl-phenylether	11.06	248	380581	38.214	ng		95
68) Hexachlorobenzene	11.12	284	404998	38.135	ng	#	89
69) Atrazine	11.20	200	376313	39.361	ng		99
70) Pentachlorophenol	11.32	266	252304	41.745	ng		97
71) Phenanthrene	11.55	178	1792912	37.686	ng		99
72) Anthracene	11.59	178	1817482	37.998	ng		99
73) Carbazole	11.75	167	1801597	38.326	ng		98
74) Di-n-butylphthalate	12.07	149	1953433	37.236	ng		100
75) Fluoranthene	12.73	202	1842014	38.757	ng		98
77) Benzidine	12.85	184	911457	35.074	ng		98
78) Pyrene	12.96	202	1886139	37.889	ng		99
80) Butylbenzylphthalate	13.57	149	814638	40.477	ng		100
81) Benzo(a)anthracene	14.15	228	1527768	38.268	ng		98
82) 3,3'-Dichlorobenzidine	14.11	252	542150	38.736	ng		99
83) Chrysene	14.19	228	1421243	37.401	ng		98
84) Bis(2-ethylhexyl)phthalate	14.12	149	1031238	38.941	ng		95
85) Di-n-octyl phthalate	14.74	149	1508161	40.394	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	1089250	35.601	ng	#	93
88) Benzo(b)fluoranthene	15.23	252	1117065	40.009	ng		98
89) Benzo(k)fluoranthene	15.26	252	1103946	40.114	ng	#	97
90) Benzo(a)pyrene	15.62	252	1000795	38.973	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	906326	39.826	ng		97
92) Benzo(g,h,i)perylene	17.73	276	921014	40.056	ng	#	94

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

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