Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109965.D
Acq On : 18 Oct 2018 18:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
10/19/2018 12:08:44 PM

Quant Time: Oct 19 03:59:56 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	6.97	152	200899	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	844211	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	392055	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	711984	20.00	ng		0.00
76) Chrysene-d12	14.16	240	470121	20.00	ng		0.00
87) Perylene-d12	15.68	264	347953	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	978762	77.23	ng		0.00
7) Phenol-d6	6.59	99	1228125	78.04	ng		-0.01
23) Nitrobenzene-d5	7.54	82	1104784	88.16	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	300771	88.61	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1921955	78.22	ng		0.00
79) Terphenyl-d14	13.10	244	1823591	81.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	261739	36.361	ng		92
3) Pyridine	3.61	79	596721	37.182	ng		88
4) n-Nitrosodimethylamine	3.57	42	245498	37.500	ng	#	93
6) Aniline	6.64	93	817368	38.540	ng	#	53
8) 2-Chlorophenol	6.76	128	563278	39.677	ng		98
9) Benzaldehyde	6.53	77	395742	38.695	ng		97
10) Phenol	6.61	94	657713	38.708	ng	#	62
11) bis(2-Chloroethyl)ether	6.71	93	539391	37.966	ng		95
12) 1,3-Dichlorobenzene	6.92	146	607360	39.015	ng		98
13) 1,4-Dichlorobenzene	6.99	146	613764	39.149	ng		98
14) 1,2-Dichlorobenzene	7.15	146	569278	39.432	ng		98
15) Benzyl Alcohol	7.12	79	488467	40.344	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	870882	37.347	ng		68
17) 2-Methylphenol	7.22	107	450029	39.311	ng	#	80
18) Hexachloroethane	7.49	117	226363	40.857	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	386407	38.240	ng		96
20) 3+4-Methylphenols	7.37	107	574527	39.549	ng	#	86
22) Acetophenone	7.39	105	733162	37.448	ng	#	97
24) Nitrobenzene	7.56	77	577629	42.429	ng		92
25) Isophorone	7.80	82	936257	38.022	ng		95
26) 2-Nitrophenol	7.87	139	299089	52.986	ng		92
27) 2,4-Dimethylphenol	7.90	122	456399	38.480	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	630381	37.302	ng		99
29) 2,4-Dichlorophenol	8.11	162	464776	40.394	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	511398	39.696	ng		96
31) Naphthalene	8.29	128	1500632	38.764	ng		100
32) Benzoic acid	8.00	122	244697	33.112	ng		91
33) 4-Chloroaniline	8.33	127	677960	38.958	ng		99
34) Hexachlorobutadiene	8.39	225	285416	40.176	ng		99
35) Caprolactam	8.70	113	153512	37.567	ng	#	87
36) 4-Chloro-3-methylphenol	8.80	107	482833	39.778	ng		96
37) 2-Methylnaphthalene	8.97	142	976904	38.971	ng		99
38) 1-Methylnaphthalene	9.07	142	936485	38.554	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	476747	39.480	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	252579	43.336	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	317535	42.053	ng		97
44) 2,4,5-Trichlorophenol	9.29	196	330886	42.222	ng		95
46) 1,1'-Biphenyl	9.44	154	1353864	38.759	ng		98
47) 2-Chloronaphthalene	9.47	162	1008651	39.202	ng		98
48) 2-Nitroaniline	9.56	65	311043	47.106	ng		94
49) Acenaphthylene	9.89	152	1455696	38.945	ng		98
50) Dimethylphthalate	9.73	163	1086591	39.141	ng		98
51) 2,6-Dinitrotoluene	9.80	165	253868	48.147	ng		98
52) Acenaphthene	10.06	154	946808	39.787	ng		98
53) 3-Nitroaniline	9.97	138	293518	45.762	ng		95
54) 2,4-Dinitrophenol	10.07	184	84173	53.440	ng		96
55) Dibenzofuran	10.23	168	1319388	38.877	ng		98
56) 4-Nitrophenol	10.12	139	218984	44.745	ng		90
57) 2,4-Dinitrotoluene	10.20	165	330456	49.460	ng	#	84
58) Fluorene	10.57	166	965570	39.084	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	265192m	42.698	ng		
60) Diethylphthalate	10.43	149	1067025	38.916	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	508318	39.499	ng		99
62) 4-Nitroaniline	10.59	138	286054	47.114	ng		89
63) Azobenzene	10.72	77	1060593	37.026	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	135763	51.871	ng		89
66) n-Nitrosodiphenylamine	10.68	169	930386	39.235	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	306797	39.761	ng		94
68) Hexachlorobenzene	11.12	284	326596	39.692	ng	#	90
69) Atrazine	11.20	200	303769	41.010	ng		99
70) Pentachlorophenol	11.31	266	208087	44.438	ng		97
71) Phenanthrene	11.54	178	1434404	38.915	ng		100
72) Anthracene	11.59	178	1448218	39.080	ng		100
73) Carbazole	11.74	167	1386395	38.067	ng		100
74) Di-n-butylphthalate	12.06	149	1584577	38.986	ng		99
75) Fluoranthene	12.73	202	1418439	38.521	ng		99
77) Benzidine	12.84	184	736200	40.843	ng		99
78) Pyrene	12.96	202	1437541	41.633	ng		100
80) Butylbenzylphthalate	13.56	149	601886	43.116	ng		98
81) Benzo(a)anthracene	14.14	228	1090428	39.378	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	379575	39.099	ng		99
83) Chrysene	14.19	228	1034725	39.257	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	755893	41.151	ng		95
85) Di-n-octyl phthalate	14.74	149	1106356	42.722	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	914373	43.086	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	816251	40.690	ng		99
89) Benzo(k)fluoranthene	15.26	252	793765m	40.145	ng		
90) Benzo(a)pyrene	15.62	252	751212	40.717	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	752504	46.023	ng	#	96
92) Benzo(g,h,i)perylene	17.72	276	772882	46.784	ng	#	95

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

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