Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109977.D
Acq On : 18 Oct 2018 23:41
Operator : JU/SJ
Sample : J5569-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RLF-GW-9SMSD

Quant Time: Oct 19 02:27:07 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	238727	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	936039	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	436038	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	805453	20.00	ng		0.00
76) Chrysene-d12	14.16	240	453857	20.00	ng		0.00
87) Perylene-d12	15.68	264	434284	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	739244	49.09	ng		0.00
7) Phenol-d6	6.59	99	597080	31.93	ng		-0.01
23) Nitrobenzene-d5	7.55	82	1251558	90.07	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	473794	125.50	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2122984	77.69	ng		0.00
79) Terphenyl-d14	13.10	244	1776737	82.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	111619	13.049	ng		92
3) Pyridine	3.66	79	263179	13.800	ng		87
4) n-Nitrosodimethylamine	3.62	42	141297	18.163	ng	#	99
6) Aniline	6.64	93	358527	14.226	ng	#	52
8) 2-Chlorophenol	6.76	128	588311	34.874	ng		99
9) Benzaldehyde	6.53	77	477949	39.328	ng		93
10) Phenol	6.60	94	259230	12.839	ng	#	64
11) bis(2-Chloroethyl)ether	6.71	93	671872	39.798	ng		94
12) 1,3-Dichlorobenzene	6.92	146	676114	36.550	ng		99
13) 1,4-Dichlorobenzene	6.99	146	692162	37.153	ng		98
14) 1,2-Dichlorobenzene	7.15	146	648726	37.815	ng		98
15) Benzyl Alcohol	7.11	79	396629	27.568	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1107385	39.964	ng		68
17) 2-Methylphenol	7.22	107	408004	29.993	ng	#	81
18) Hexachloroethane	7.49	117	249447	37.889	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	491867	40.963	ng		97
20) 3+4-Methylphenols	7.37	107	436842	25.306	ng	#	90
22) Acetophenone	7.39	105	954781	43.984	ng		99
24) Nitrobenzene	7.56	77	731601	48.467	ng		92
25) Isophorone	7.80	82	1394210	51.065	ng		96
26) 2-Nitrophenol	7.87	139	382401	61.099	ng		94
27) 2,4-Dimethylphenol	7.90	122	604025	45.930	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	870229	46.443	ng		99
29) 2,4-Dichlorophenol	8.12	162	567047	44.448	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	599539	41.972	ng		95
31) Naphthalene	8.29	128	1942104	45.246	ng		99
32) Benzoic acid	7.99	122	125624	15.331	ng		89
33) 4-Chloroaniline	8.32	127	148872	7.716	ng		97
34) Hexachlorobutadiene	8.39	225	312188	39.634	ng		99
35) Caprolactam	8.75	113	7423	1.638	ng		95
36) 4-Chloro-3-methylphenol	8.80	107	565766	42.038	ng		96
37) 2-Methylnaphthalene	8.97	142	1365897	49.143	ng		99
38) 1-Methylnaphthalene	9.07	142	1296486	48.138	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	570177	42.454	ng		98

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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	677896	104.576	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	408806	48.679	ng		95
44) 2,4,5-Trichlorophenol	9.29	196	427470	49.044	ng		95
46) 1,1'-Biphenyl	9.44	154	1648428	42.431	ng		98
47) 2-Chloronaphthalene	9.47	162	1261783	44.093	ng		98
48) 2-Nitroaniline	9.56	65	407379	55.473	ng		94
49) Acenaphthylene	9.89	152	1987433	47.807	ng		97
50) Dimethylphthalate	9.74	163	1491868	48.319	ng		99
51) 2,6-Dinitrotoluene	9.80	165	341282	58.197	ng		96
52) Acenaphthene	10.06	154	1275206	48.182	ng		96
53) 3-Nitroaniline	9.97	138	108896	15.265	ng		92
54) 2,4-Dinitrophenol	10.08	184	289250	146.499	ng		91
55) Dibenzofuran	10.23	168	1723808	45.670	ng		99
56) 4-Nitrophenol	10.13	139	272052	49.981	ng		87
57) 2,4-Dinitrotoluene	10.21	165	449528	59.472	ng		89
58) Fluorene	10.57	166	1336238	48.632	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	369713	53.522	ng		96
60) Diethylphthalate	10.44	149	1452095	47.618	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	634735	44.347	ng		98
62) 4-Nitroaniline	10.60	138	329488	48.794	ng		88
63) Azobenzene	10.72	77	1418804	44.536	ng		96
65) 4,6-Dinitro-2-methylphenol	10.62	198	194212	63.501	ng		88
66) n-Nitrosodiphenylamine	10.68	169	1212400	45.194	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	397198	45.503	ng	#	90
68) Hexachlorobenzene	11.12	284	414994	44.583	ng		95
69) Atrazine	11.21	200	375682	44.833	ng		98
70) Pentachlorophenol	11.32	266	442585	83.547	ng		97
71) Phenanthrene	11.54	178	1961413	47.038	ng		98
72) Anthracene	11.59	178	1998558	47.673	ng		99
73) Carbazole	11.75	167	1727923	41.939	ng		99
74) Di-n-butylphthalate	12.06	149	2109315	45.874	ng		99
75) Fluoranthene	12.73	202	1866583	44.809	ng		99
77) Benzidine	12.85	184	288414	16.574	ng		96
78) Pyrene	12.96	202	1821986	54.658	ng		99
80) Butylbenzylphthalate	13.57	149	744748	55.262	ng		96
81) Benzo(a)anthracene	14.14	228	1348438	50.440	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	179445	19.147	ng		99
83) Chrysene	14.19	228	1236755	48.603	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	981815	55.366	ng		96
85) Di-n-octyl phthalate	14.74	149	1470191	58.806	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	1472419	71.867	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	1248777	49.876	ng		98
89) Benzo(k)fluoranthene	15.26	252	1101287	44.626	ng		99
90) Benzo(a)pyrene	15.62	252	1161917	50.458	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	1208954	59.241	ng		98
92) Benzo(g,h,i)perylene	17.74	276	1269670	61.578	ng		97

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

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