Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109976.D
Acq On : 18 Oct 2018 23:13
Operator : JU/SJ
Sample : J5569-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RLF-GW-9SMS

Quant Time: Oct 19 02:26:40 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	181600	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	703712	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	315301	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	539489	20.00	ng		0.00
76) Chrysene-d12	14.16	240	346525	20.00	ng		0.00
87) Perylene-d12	15.68	264	383984	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	589521	51.46	ng		0.00
7) Phenol-d6	6.59	99	462949	32.54	ng		-0.01
23) Nitrobenzene-d5	7.54	82	952732	91.20	ng		-0.01
42) 2,4,6-Tribromophenol	10.82	330	330775	121.17	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1614017	81.68	ng		0.00
79) Terphenyl-d14	13.09	244	1277561	77.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	99399	15.276	ng		92
3) Pyridine	3.65	79	235162	16.210	ng		90
4) n-Nitrosodimethylamine	3.59	42	119394	20.176	ng	#	97
6) Aniline	6.64	93	258283	13.473	ng	#	53
8) 2-Chlorophenol	6.76	128	484521	37.756	ng		97
9) Benzaldehyde	6.53	77	386605	41.819	ng		95
10) Phenol	6.60	94	208687	13.587	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	548721	42.728	ng		96
12) 1,3-Dichlorobenzene	6.92	146	561212	39.882	ng		99
13) 1,4-Dichlorobenzene	6.99	146	564883	39.860	ng		98
14) 1,2-Dichlorobenzene	7.15	146	535833	41.060	ng		98
15) Benzyl Alcohol	7.11	79	321018	29.332	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	893878	42.407	ng		68
17) 2-Methylphenol	7.22	107	320249	30.948	ng	#	80
18) Hexachloroethane	7.49	117	204364	40.806	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	387589	42.433	ng		96
20) 3+4-Methylphenols	7.37	107	350905	26.722	ng		91
22) Acetophenone	7.38	105	765491	46.906	ng		97
24) Nitrobenzene	7.56	77	588385	51.848	ng		95
25) Isophorone	7.80	82	1073788	52.313	ng		95
26) 2-Nitrophenol	7.87	139	294435	62.575	ng		91
27) 2,4-Dimethylphenol	7.90	122	452560	45.774	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	679758	48.254	ng		99
29) 2,4-Dichlorophenol	8.11	162	433857	45.235	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	478154	44.525	ng		97
31) Naphthalene	8.29	128	1554650	48.177	ng		100
32) Benzoic acid	7.97	122	99046	16.078	ng		92
33) 4-Chloroaniline	8.32	127	102375	7.057	ng		98
34) Hexachlorobutadiene	8.39	225	256465	43.309	ng		98
35) Caprolactam	8.69	113	17364	5.098	ng		91
36) 4-Chloro-3-methylphenol	8.80	107	417308	41.244	ng		94
37) 2-Methylnaphthalene	8.97	142	1066459	51.037	ng		99
38) 1-Methylnaphthalene	9.07	142	1017231	50.239	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	453237	46.669	ng		98

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Quant Time: Oct 19 02:26:40 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)
41) Hexachlorocyclopentadiene	9.13	237	538889	114.966 ng		99
43) 2,4,6-Trichlorophenol	9.25	196	301902	49.716 ng		95
44) 2,4,5-Trichlorophenol	9.29	196	314906	49.965 ng		95
46) 1,1'-Biphenyl	9.44	154	1300601	46.298 ng		99
47) 2-Chloronaphthalene	9.47	162	982735	47.492 ng		99
48) 2-Nitroaniline	9.56	65	293632	55.295 ng		96
49) Acenaphthylene	9.89	152	1526188	50.770 ng		98
50) Dimethylphthalate	9.74	163	1096708	49.122 ng		100
51) 2,6-Dinitrotoluene	9.80	165	250815	59.147 ng		98
52) Acenaphthene	10.06	154	1037690	54.221 ng		99
53) 3-Nitroaniline	9.97	138	59428	11.521 ng		87
54) 2,4-Dinitrophenol	10.07	184	195162	137.292 ng		91
55) Dibenzofuran	10.23	168	1320565	48.383 ng		98
56) 4-Nitrophenol	10.12	139	189429	48.128 ng		85
57) 2,4-Dinitrotoluene	10.20	165	321640	58.895 ng	#	88
58) Fluorene	10.57	166	1015242	51.098 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	259048	51.862 ng		95
60) Diethylphthalate	10.43	149	1069578	48.505 ng		100
61) 4-Chlorophenyl-phenylether	10.56	204	491556	47.495 ng		97
62) 4-Nitroaniline	10.59	138	221344	45.331 ng		92
63) Azobenzene	10.72	77	1051761	45.656 ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	127803	62.527 ng		86
66) n-Nitrosodiphenylamine	10.68	169	888888	49.470 ng		96
67) 4-Bromophenyl-phenylether	11.05	248	296447	50.704 ng		94
68) Hexachlorobenzene	11.12	284	304754	48.880 ng	#	88
69) Atrazine	11.20	200	267886	47.729 ng		100
70) Pentachlorophenol	11.31	266	304553	85.833 ng		97
71) Phenanthrene	11.54	178	1419932	50.840 ng		99
72) Anthracene	11.59	178	1455465	51.834 ng		99
73) Carbazole	11.74	167	1200478	43.502 ng		100
74) Di-n-butylphthalate	12.06	149	1526861	49.577 ng		99
75) Fluoranthene	12.73	202	1327316	47.572 ng		99
77) Benzidine	12.84	184	282299	21.247 ng		96
78) Pyrene	12.96	202	1308781	51.423 ng		99
80) Butylbenzylphthalate	13.56	149	562192	54.637 ng		100
81) Benzo(a)anthracene	14.14	228	1073747	52.606 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	147644	20.633 ng		99
83) Chrysene	14.19	228	1002717	51.611 ng		98
84) Bis(2-ethylhexyl)phthalate	14.12	149	779152	57.547 ng		97
85) Di-n-octyl phthalate	14.74	149	1264328	66.235 ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	1399767	89.483 ng	#	95
88) Benzo(b)fluoranthene	15.23	252	1166536	52.695 ng		98
89) Benzo(k)fluoranthene	15.26	252	998521	45.762 ng	#	98
90) Benzo(a)pyrene	15.62	252	1094755	53.769 ng	#	97
91) Dibenzo(a,h)anthracene	17.27	278	1147025	63.569 ng		98
92) Benzo(g,h,i)perylene	17.73	276	1193117	65.445 ng	#	96

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

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