Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109887.D
Acq On : 15 Oct 2018 19:00
Operator : JU/SJ
Sample : PB113836BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113836BS

Manual Integrations APPROVED
Sohil
10/16/2018 9:57:29 AM

Quant Time: Oct 16 01:39:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 18:09:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	247227	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	958215	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	427592	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	743254	20.00	ng		0.00
76) Chrysene-d12	14.15	240	465431	20.00	ng		0.00
87) Perylene-d12	15.67	264	527808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1607023	103.04	ng		0.01
7) Phenol-d6	6.60	99	2062396	106.49	ng		0.00
23) Nitrobenzene-d5	7.54	82	1238976	87.10	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	449557	121.44	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	2181123	81.39	ng		0.00
79) Terphenyl-d14	13.09	244	1758149	79.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	261335	29.501	ng		90
3) Pyridine	3.66	79	752266	38.091	ng		88
4) n-Nitrosodimethylamine	3.62	42	361970	44.930	ng	#	99
6) Aniline	6.65	93	424446	16.263	ng	#	52
8) 2-Chlorophenol	6.76	128	719881	41.205	ng		98
9) Benzaldehyde	6.53	77	356827	28.352	ng		97
10) Phenol	6.61	94	838182	40.086	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	695294	39.769	ng		92
12) 1,3-Dichlorobenzene	6.92	146	758722	39.605	ng		97
13) 1,4-Dichlorobenzene	7.00	146	762473	39.520	ng		98
14) 1,2-Dichlorobenzene	7.15	146	715165	40.255	ng		98
15) Benzyl Alcohol	7.12	79	626767	42.066	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1160059	40.426	ng		67
17) 2-Methylphenol	7.22	107	596577	42.347	ng	#	82
18) Hexachloroethane	7.49	117	284031	41.659	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	486808	39.148	ng		94
20) 3+4-Methylphenols	7.37	107	734698	41.097	ng	#	88
22) Acetophenone	7.39	105	963483	43.358	ng	#	97
24) Nitrobenzene	7.56	77	721839	46.713	ng		96
25) Isophorone	7.80	82	1369403	48.995	ng		95
26) 2-Nitrophenol	7.87	139	335957	52.436	ng		93
27) 2,4-Dimethylphenol	7.90	122	675866	50.204	ng		95
28) bis(2-Chloroethoxy)methane	8.00	93	879905	45.872	ng		100
29) 2,4-Dichlorophenol	8.11	162	596378	45.665	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	627383	42.905	ng		96
31) Naphthalene	8.29	128	1998814	45.489	ng		99
32) Benzoic acid	7.99	122	200992	23.962	ng		89
33) 4-Chloroaniline	8.32	127	142602	7.220	ng		99
34) Hexachlorobutadiene	8.40	225	336829	41.772	ng		99
35) Caprolactam	8.69	113	191488m	41.286	ng		
36) 4-Chloro-3-methylphenol	8.80	107	621562	45.115	ng		97
37) 2-Methylnaphthalene	8.97	142	1374098	48.294	ng		98
38) 1-Methylnaphthalene	9.07	142	1303763	47.288	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	565477	42.936	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	679158	106.841	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	397032	48.211	ng		99
44) 2,4,5-Trichlorophenol	9.29	196	408877	47.838	ng		94
46) 1,1'-Biphenyl	9.44	154	1623607	42.618	ng		98
47) 2-Chloronaphthalene	9.46	162	1235396	44.024	ng		98
48) 2-Nitroaniline	9.56	65	366949	50.954	ng		98
49) Acenaphthylene	9.89	152	1929846	47.339	ng		97
50) Dimethylphthalate	9.74	163	1379615	45.566	ng		100
51) 2,6-Dinitrotoluene	9.80	165	298744	51.949	ng		99
52) Acenaphthene	10.06	154	1235046	47.586	ng		97
53) 3-Nitroaniline	9.96	138	100859	14.418	ng	#	98
54) 2,4-Dinitrophenol	10.07	184	145241	79.362	ng	#	80
55) Dibenzofuran	10.23	168	1670730	45.138	ng		98
56) 4-Nitrophenol	10.12	139	495112	92.758	ng		88
57) 2,4-Dinitrotoluene	10.20	165	377884	51.636	ng	#	89
58) Fluorene	10.57	166	1268934	47.094	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	325933	48.116	ng		96
60) Diethylphthalate	10.44	149	1338532	44.761	ng		97
61) 4-Chlorophenyl-phenylether	10.56	204	599955	42.745	ng		99
62) 4-Nitroaniline	10.59	138	292218	44.129	ng		90
63) Azobenzene	10.72	77	1363352	43.640	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	115240	43.655	ng		97
66) n-Nitrosodiphenylamine	10.68	169	1126953	45.524	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	369540	45.877	ng		94
68) Hexachlorobenzene	11.12	284	389445	45.339	ng	#	92
69) Atrazine	11.20	200	356342	46.083	ng		98
70) Pentachlorophenol	11.31	266	348374	71.266	ng		97
71) Phenanthrene	11.54	178	1820991	47.325	ng		99
72) Anthracene	11.59	178	1851965	47.873	ng		99
73) Carbazole	11.74	167	1572646	41.364	ng		99
74) Di-n-butylphthalate	12.06	149	1836445	43.281	ng		99
75) Fluoranthene	12.73	202	1680149	43.709	ng		99
77) Benzidine	12.84	184	398405	22.326	ng		96
78) Pyrene	12.96	202	1650810	48.291	ng		100
80) Butylbenzylphthalate	13.56	149	650470	47.066	ng		98
81) Benzo(a)anthracene	14.14	228	1300293	47.430	ng		98
82) 3,3'-Dichlorobenzidine	14.10	252	178576	18.580	ng		98
83) Chrysene	14.18	228	1215013	46.561	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	833850	45.853	ng		96
85) Di-n-octyl phthalate	14.74	149	1393816	54.364	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1792183	85.300	ng	#	93
88) Benzo(b)fluoranthene	15.22	252	1357156	44.600	ng		98
89) Benzo(k)fluoranthene	15.25	252	1285826	42.871	ng	#	95
90) Benzo(a)pyrene	15.61	252	1353786	48.373	ng	#	97
91) Dibenzo(a,h)anthracene	17.26	278	1451720	58.532	ng	#	96
92) Benzo(g,h,i)perylene	17.72	276	1542560	61.557	ng	#	92

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

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