Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109132.D
Acq On : 19 Sep 2018 8:17
Operator : JU/SJ
Sample : PB112905BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112905BS

Manual Integrations APPROVED
Sohil
9/19/2018 4:24:16 PM

Quant Time: Sep 19 11:48:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123719	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	431815	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	178914	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	297824	20.00	ng		0.00
75) Chrysene-d12	13.86	240	278518	20.00	ng		0.00
86) Perylene-d12	15.26	264	264090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	696537	93.51	ng		0.01
7) Phenol-d6	6.36	99	872863	90.87	ng		0.00
23) Nitrobenzene-d5	7.28	82	789609	102.56	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	180611	93.02	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1315435	115.19	ng		0.00
78) Terphenyl-d14	12.81	244	1177122	100.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	133615	37.682	ng		94
3) Pyridine	3.16	79	374543	39.846	ng		90
4) n-Nitrosodimethylamine	3.10	42	183623	51.725	ng	#	97
6) Aniline	6.38	93	328353	26.448	ng		96
8) 2-Chlorophenol	6.51	128	377673	45.306	ng		99
9) Benzaldehyde	6.27	77	126949	20.694	ng		98
10) Phenol	6.38	94	454542	42.058	ng		78
11) bis(2-Chloroethyl)ether	6.46	93	370905	43.623	ng		97
12) 1,3-Dichlorobenzene	6.67	146	418124	43.859	ng		99
13) 1,4-Dichlorobenzene	6.74	146	422014	44.126	ng		97
14) 1,2-Dichlorobenzene	6.90	146	385950	43.529	ng		98
15) Benzyl Alcohol	6.87	79	322968	44.291	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	520809	42.751	ng		94
17) 2-Methylphenol	6.98	107	301147	44.280	ng		96
18) Hexachloroethane	7.24	117	137951	39.715	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	266818	42.025	ng		97
20) 3+4-Methylphenols	7.14	107	358325	43.746	ng	#	73
22) Acetophenone	7.13	105	501783	51.169	ng	#	94
24) Nitrobenzene	7.31	77	398211	50.167	ng		98
25) Isophorone	7.54	82	707109	53.431	ng		97
26) 2-Nitrophenol	7.62	139	144528	38.994	ng		98
27) 2,4-Dimethylphenol	7.67	122	323933	55.716	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	449813	50.508	ng		100
29) 2,4-Dichlorophenol	7.87	162	287849	46.460	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	317499	47.408	ng		96
31) Naphthalene	8.02	128	1024586	51.121	ng		99
32) Benzoic acid	7.76	122	104776m	27.580	ng		
33) 4-Chloroaniline	8.07	127	158930	17.835	ng		98
34) Hexachlorobutadiene	8.15	225	191977	46.954	ng		99
35) Caprolactam	8.44	113	83266m	41.222	ng		
36) 4-Chloro-3-methylphenol	8.56	107	287113	44.022	ng		98
37) 2-Methylnaphthalene	8.72	142	665902	50.969	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	301897	53.612	ng		98
40) Hexachlorocyclopentadiene	8.88	237	77075	27.166	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	187362	49.502	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	192391	48.641	ng		96
45) 1,1'-Biphenyl	9.18	154	767048	53.588	ng		98
46) 2-Chloronaphthalene	9.20	162	583033	50.861	ng		99
47) 2-Nitroaniline	9.30	65	184310	52.300	ng		97
48) Acenaphthylene	9.62	152	919027	53.174	ng		99
49) Dimethylphthalate	9.48	163	691143	54.048	ng		99
50) 2,6-Dinitrotoluene	9.54	165	140844	49.665	ng		96
51) Acenaphthene	9.79	154	520743	48.386	ng		100
52) 3-Nitroaniline	9.70	138	136845	40.980	ng		94
53) 2,4-Dinitrophenol	9.81	184	9661	8.840	ng	#	18
54) Dibenzofuran	9.96	168	763871	49.116	ng		98
55) 4-Nitrophenol	9.87	139	192449	78.222	ng		92
56) 2,4-Dinitrotoluene	9.94	165	171121	46.140	ng	#	96
57) Fluorene	10.30	166	553594	53.414	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150671	46.005	ng		89
59) Diethylphthalate	10.18	149	663506	51.382	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	270428	48.728	ng		94
61) 4-Nitroaniline	10.31	138	138992	43.811	ng		99
62) Azobenzene	10.45	77	619715	46.883	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	9804	6.880	ng		88
65) n-Nitrosodiphenylamine	10.41	169	532923	54.704	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	176915	52.691	ng		93
67) Hexachlorobenzene	10.85	284	181119	50.431	ng		93
68) Atrazine	10.94	200	170735	54.748	ng		99
69) Pentachlorophenol	11.04	266	162719	70.817	ng		99
70) Phenanthrene	11.25	178	783099	53.639	ng		99
71) Anthracene	11.31	178	814944	55.066	ng		99
72) Carbazole	11.46	167	730110	49.837	ng		99
73) Di-n-butylphthalate	11.80	149	910435	53.090	ng		99
74) Fluoranthene	12.44	202	872309	56.597	ng		98
76) Benzidine	12.56	184	366530	37.177	ng		97
77) Pyrene	12.67	202	900435	43.525	ng		99
79) Butylbenzylphthalate	13.29	149	405895	43.927	ng		98
80) Benzo(a)anthracene	13.85	228	866209	51.369	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	278013	40.857	ng		96
82) Chrysene	13.88	228	846658	50.185	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	520434	46.517	ng		100
84) Di-n-octyl phthalate	14.46	149	1029566	54.260	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	623195	46.204	ng		94
87) Benzo(b)fluoranthene	14.87	252	806133	55.177	ng		97
88) Benzo(k)fluoranthene	14.89	252	779191	57.101	ng		98
89) Benzo(a)pyrene	15.21	252	713401	54.984	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	523631	48.037	ng		96
91) Benzo(g,h,i)perylene	17.02	276	500614	45.936	ng	#	92

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

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