Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108281.D
Acq On : 20 Aug 2018 11:18
Operator : JU/SJ
Sample : PB112114BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112114BSD

Manual Integrations APPROVED
Sohil
8/21/2018 1:42:41 PM

Quant Time: Aug 20 11:52:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	169392	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	691272	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	354944	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	708688	20.00	ng		0.00
75) Chrysene-d12	14.22	240	548591	20.00	ng		0.00
86) Perylene-d12	15.78	264	393606	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1268356	135.56	ng		0.03
7) Phenol-d6	6.65	99	1704469	137.09	ng		0.02
23) Nitrobenzene-d5	7.58	82	1120420	90.44	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	520281	146.95	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2103490	95.14	ng		0.00
78) Terphenyl-d14	13.15	244	2371398	109.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	186009	38.691	ng		91
3) Pyridine	3.77	79	507406	40.971	ng		89
4) n-Nitrosodimethylamine	3.74	42	287035	41.190	ng		84
6) Aniline	6.68	93	642945	38.017	ng		96
8) 2-Chlorophenol	6.81	128	525151	49.835	ng		95
9) Benzaldehyde	6.57	77	232662	24.136	ng		98
10) Phenol	6.66	94	669468	52.055	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	505355	48.604	ng		95
12) 1,3-Dichlorobenzene	6.96	146	581670	47.739	ng		99
13) 1,4-Dichlorobenzene	7.04	146	591742	48.337	ng		98
14) 1,2-Dichlorobenzene	7.19	146	546218	47.969	ng		97
15) Benzyl Alcohol	7.16	79	479894	45.849	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	940998	43.932	ng		99
17) 2-Methylphenol	7.27	107	464133	51.361	ng		95
18) Hexachloroethane	7.53	117	215924	49.543	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	398430	47.388	ng		92
20) 3+4-Methylphenols	7.41	107	557075	48.105	ng	#	88
22) Acetophenone	7.42	105	750721	46.445	ng	#	92
24) Nitrobenzene	7.60	77	590395	47.130	ng		95
25) Isophorone	7.84	82	1088383	46.094	ng		97
26) 2-Nitrophenol	7.92	139	265391	56.099	ng		96
27) 2,4-Dimethylphenol	7.94	122	511099	48.770	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	655773	47.574	ng		99
29) 2,4-Dichlorophenol	8.16	162	480371	49.810	ng		95
30) 1,2,4-Trichlorobenzene	8.24	180	505570	47.547	ng		96
31) Naphthalene	8.32	128	1532768	48.756	ng		98
32) Benzoic acid	8.07	122	236775	40.063	ng		95
33) 4-Chloroaniline	8.37	127	433141	31.615	ng		97
34) Hexachlorobutadiene	8.43	225	327311	48.625	ng		99
35) Caprolactam	8.75	113	140604m	46.523	ng		
36) 4-Chloro-3-methylphenol	8.85	107	500843	48.140	ng		97
37) 2-Methylnaphthalene	9.02	142	1063489	47.813	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	532241	48.830	ng		98
40) Hexachlorocyclopentadiene	9.17	237	588844	83.638	ng		100

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42) 2,4,6-Trichlorophenol	9.30	196	350766	51.858	ng		97
43) 2,4,5-Trichlorophenol	9.34	196	388661	52.198	ng		97
45) 1,1'-Biphenyl	9.48	154	1283388	49.040	ng		98
46) 2-Chloronaphthalene	9.51	162	1017759	49.206	ng		96
47) 2-Nitroaniline	9.61	65	335757	50.169	ng		92
48) Acenaphthylene	9.93	152	1604269	49.061	ng		98
49) Dimethylphthalate	9.78	163	1192688	48.239	ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	263463	50.931	ng		97
51) Acenaphthene	10.10	154	938805	46.874	ng		100
52) 3-Nitroaniline	10.02	138	207974	36.746	ng		93
53) 2,4-Dinitrophenol	10.13	184	194826	98.826	ng	#	20
54) Dibenzofuran	10.28	168	1395036	48.077	ng		99
55) 4-Nitrophenol	10.18	139	388278	90.594	ng		88
56) 2,4-Dinitrotoluene	10.25	165	355744	53.427	ng	#	97
57) Fluorene	10.62	166	1112659	48.439	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	319882	51.399	ng	#	86
59) Diethylphthalate	10.48	149	1137590	47.515	ng		96
60) 4-Chlorophenyl-phenylether	10.61	204	568737	47.517	ng	#	88
61) 4-Nitroaniline	10.64	138	277887	49.661	ng		93
62) Azobenzene	10.77	77	1153137	46.638	ng		93
64) 4,6-Dinitro-2-methylphenol	10.67	198	135541	50.614	ng		92
65) n-Nitrosodiphenylamine	10.72	169	1004784	47.979	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	372467	48.363	ng	#	83
67) Hexachlorobenzene	11.17	284	395520	48.810	ng	#	84
68) Atrazine	11.25	200	342338	48.737	ng		96
69) Pentachlorophenol	11.37	266	376502	97.073	ng		96
70) Phenanthrene	11.59	178	1611453	48.209	ng		99
71) Anthracene	11.64	178	1645126	48.019	ng		97
72) Carbazole	11.79	167	1449577	47.623	ng		98
73) Di-n-butylphthalate	12.11	149	1704394	49.435	ng		99
74) Fluoranthene	12.78	202	1733068	47.506	ng		96
76) Benzidine	12.90	184	833556	40.668	ng		99
77) Pyrene	13.02	202	1733512	49.912	ng		98
79) Butylbenzylphthalate	13.62	149	737817	53.499	ng	#	97
80) Benzo(a)anthracene	14.21	228	1525458	48.453	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	375571	33.287	ng	#	97
82) Chrysene	14.25	228	1353107	46.879	ng		97
83) Bis(2-ethylhexyl)phthalate	14.17	149	926392	49.603	ng		100
84) Di-n-octyl phthalate	14.79	149	1454542	51.068	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	1052656	42.091	ng	#	90
87) Benzo(b)fluoranthene	15.31	252	1239270	52.691	ng	#	97
88) Benzo(k)fluoranthene	15.35	252	1050705	48.598	ng	#	96
89) Benzo(a)pyrene	15.72	252	1062475	50.447	ng	#	97
90) Dibenzo(a,h)anthracene	17.43	278	868157	49.820	ng	#	94
91) Benzo(g,h,i)perylene	17.92	276	866589	50.503	ng	#	90

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

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