Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107885.D
Acq On : 1 Aug 2018 13:32
Operator : JU/SJ
Sample : PB111656BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Manual Integrations APPROVED
Sohil
8/2/2018 9:16:57 AM

Quant Time: Aug 01 14:09:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108539	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	470056	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	209126	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	407498	20.00	ng		0.00
75) Chrysene-d12	14.15	240	282044	20.00	ng		0.00
86) Perylene-d12	15.69	264	318592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	837164	131.09	ng		0.01
7) Phenol-d6	6.61	99	997990	118.57	ng		0.00
23) Nitrobenzene-d5	7.53	82	668777	81.97	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	320826	112.90	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1308726	87.21	ng		0.00
78) Terphenyl-d14	13.08	244	1289539	99.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	134468	45.255	ng		89
3) Pyridine	3.67	79	290061	39.904	ng		87
4) n-Nitrosodimethylamine	3.64	42	88230	27.152	ng		99
6) Aniline	6.64	93	331390	37.853	ng	#	73
8) 2-Chlorophenol	6.75	128	343253	42.789	ng		96
9) Benzaldehyde	6.52	77	120308	23.691	ng		94
10) Phenol	6.62	94	374840	37.345	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	283705	31.787	ng		96
12) 1,3-Dichlorobenzene	6.90	146	366707	43.584	ng		98
13) 1,4-Dichlorobenzene	6.98	146	406465	43.398	ng		99
14) 1,2-Dichlorobenzene	7.13	146	346839	39.893	ng		99
15) Benzyl Alcohol	7.11	79	232103	44.367	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	550945	42.934	ng		62
17) 2-Methylphenol	7.22	107	272241	45.972	ng	#	84
18) Hexachloroethane	7.47	117	143204	42.538	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	231781	43.411	ng		97
20) 3+4-Methylphenols	7.38	107	326979	44.973	ng	#	66
22) Acetophenone	7.37	105	499022	44.126	ng	#	93
24) Nitrobenzene	7.55	77	334038	39.043	ng		100
25) Isophorone	7.78	82	633083	47.269	ng		99
26) 2-Nitrophenol	7.87	139	188587	43.921	ng		96
27) 2,4-Dimethylphenol	7.90	122	302667	52.650	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	406641	46.071	ng		98
29) 2,4-Dichlorophenol	8.11	162	283629	43.619	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	315392	42.517	ng		97
31) Naphthalene	8.27	128	1039234	47.562	ng		99
32) Benzoic acid	8.02	122	94124	24.945	ng		92
33) 4-Chloroaniline	8.32	127	305174	32.698	ng		99
34) Hexachlorobutadiene	8.37	225	187437	40.889	ng		99
35) Caprolactam	8.69	113	81261	41.513	ng	#	86
36) 4-Chloro-3-methylphenol	8.81	107	302056	42.772	ng		98
37) 2-Methylnaphthalene	8.95	142	682636	49.736	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	325840	45.699	ng		98
40) Hexachlorocyclopentadiene	9.10	237	253677	82.405	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	178781	45.355	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	204058	43.001	ng		96
45) 1,1'-Biphenyl	9.42	154	861415	45.262	ng		98
46) 2-Chloronaphthalene	9.45	162	638726	44.505	ng		98
47) 2-Nitroaniline	9.56	65	201423	43.147	ng		92
48) Acenaphthylene	9.87	152	1029061	46.251	ng		100
49) Dimethylphthalate	9.71	163	672745	42.835	ng		99
50) 2,6-Dinitrotoluene	9.79	165	149846	43.903	ng		91
51) Acenaphthene	10.04	154	556473	43.055	ng		99
52) 3-Nitroaniline	9.98	138	116874	27.174	ng		93
53) 2,4-Dinitrophenol	10.08	184	124258	70.229	ng	#	29
54) Dibenzofuran	10.21	168	867267	43.414	ng		100
55) 4-Nitrophenol	10.15	139	115923	59.915	ng		89
56) 2,4-Dinitrotoluene	10.20	165	187961	41.899	ng	#	93
57) Fluorene	10.55	166	691447	44.537	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	185000	42.445	ng	#	80
59) Diethylphthalate	10.41	149	692349	41.001	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	341326	40.358	ng		90
61) 4-Nitroaniline	10.60	138	152927	40.067	ng		90
62) Azobenzene	10.70	77	656658	41.754	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	88201	39.786	ng		89
65) n-Nitrosodiphenylamine	10.67	169	598058	44.572	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	197932	41.673	ng	#	85
67) Hexachlorobenzene	11.10	284	221737	42.100	ng	#	91
68) Atrazine	11.18	200	173961	43.805	ng		97
69) Pentachlorophenol	11.31	266	165307	63.758	ng		99
70) Phenanthrene	11.52	178	909800	47.020	ng		99
71) Anthracene	11.58	178	1047713	46.945	ng		99
72) Carbazole	11.74	167	913800	41.432	ng		99
73) Di-n-butylphthalate	12.04	149	1050523	43.660	ng		99
74) Fluoranthene	12.72	202	994329	43.742	ng		97
76) Benzidine	12.85	184	432611	47.440	ng		98
77) Pyrene	12.95	202	964386	47.484	ng		98
79) Butylbenzylphthalate	13.55	149	394338	44.339	ng		91
80) Benzo(a)anthracene	14.14	228	727044	45.506	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	208580	33.678	ng		94
82) Chrysene	14.18	228	822000	47.700	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	500802	44.792	ng		99
84) Di-n-octyl phthalate	14.72	149	843378	46.995	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	971149	74.091	ng		94
87) Benzo(b)fluoranthene	15.23	252	668163	42.523	ng		98
88) Benzo(k)fluoranthene	15.26	252	819158m	42.462	ng		
89) Benzo(a)pyrene	15.62	252	754557	46.517	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	811297	57.337	ng		96
91) Benzo(g,h,i)perylene	17.76	276	826611	60.376	ng		94

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

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