Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109827.D
Acq On : 12 Oct 2018 12:18
Operator : JU/SJ
Sample : PB113657BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:17 AM

Quant Time: Oct 12 13:15:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83445	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	361925	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	175902	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	331100	20.00	ng		0.00
75) Chrysene-d12	13.83	240	229952	20.00	ng		0.00
86) Perylene-d12	15.23	264	189646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	655127	139.36	ng		0.00
7) Phenol-d6	6.35	99	820677	130.68	ng		0.00
23) Nitrobenzene-d5	7.26	82	513478	78.21	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	233671	121.92	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1001932	78.45	ng		0.00
78) Terphenyl-d14	12.78	244	756281	63.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	98219	39.810	ng		98
3) Pyridine	3.22	79	214099m	42.062	ng		
4) n-Nitrosodimethylamine	3.15	42	83915	45.674	ng		93
6) Aniline	6.36	93	241239	32.976	ng	#	62
8) 2-Chlorophenol	6.49	128	252315	43.641	ng		98
9) Benzaldehyde	6.25	77	120725	29.873	ng		93
10) Phenol	6.36	94	290988	40.408	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	211813	35.479	ng		99
12) 1,3-Dichlorobenzene	6.63	146	270123	40.849	ng		99
13) 1,4-Dichlorobenzene	6.71	146	296979	41.200	ng		99
14) 1,2-Dichlorobenzene	6.86	146	265384	41.922	ng		99
15) Benzyl Alcohol	6.85	79	198796	42.699	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	323081	40.812	ng		98
17) 2-Methylphenol	6.96	107	200838	43.927	ng		91
18) Hexachloroethane	7.20	117	106748	41.897	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	182446	41.427	ng		98
20) 3+4-Methylphenols	7.12	107	241996	42.954	ng		97
22) Acetophenone	7.11	105	362737	41.446	ng	#	98
24) Nitrobenzene	7.28	77	268803	39.345	ng		99
25) Isophorone	7.52	82	495570	45.454	ng		97
26) 2-Nitrophenol	7.60	139	127386	39.862	ng		96
27) 2,4-Dimethylphenol	7.65	122	214564	46.496	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	310968	42.167	ng		98
29) 2,4-Dichlorophenol	7.85	162	221151	42.725	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	224135	39.116	ng		98
31) Naphthalene	8.00	128	713629	42.635	ng		100
32) Benzoic acid	7.80	122	125901m	38.159	ng		
33) 4-Chloroaniline	8.06	127	187234	25.402	ng		97
34) Hexachlorobutadiene	8.12	225	139189	39.068	ng		98
35) Caprolactam	8.43	113	62803m	40.627	ng		
36) 4-Chloro-3-methylphenol	8.55	107	232005	42.462	ng		99
37) 2-Methylnaphthalene	8.69	142	483772	44.124	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	229805	38.379	ng		99
40) Hexachlorocyclopentadiene	8.85	237	222481	84.419	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	140752	39.322	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	167376	40.668	ng		99
45) 1,1'-Biphenyl	9.15	154	611302	38.901	ng		100
46) 2-Chloronaphthalene	9.17	162	466244	39.603	ng		99
47) 2-Nitroaniline	9.28	65	143994	40.394	ng		92
48) Acenaphthylene	9.59	152	734847	42.815	ng		99
49) Dimethylphthalate	9.46	163	524293	40.641	ng		100
50) 2,6-Dinitrotoluene	9.52	165	112807	40.339	ng		89
51) Acenaphthene	9.76	154	414385	40.728	ng		99
52) 3-Nitroaniline	9.69	138	84221	26.867	ng		96
53) 2,4-Dinitrophenol	9.80	184	77930	86.374	ng		100
54) Dibenzofuran	9.93	168	610357	40.020	ng		100
55) 4-Nitrophenol	9.87	139	119908	69.883	ng		89
56) 2,4-Dinitrotoluene	9.93	165	143229	41.042	ng		91
57) Fluorene	10.27	166	491874	43.187	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	137758	41.177	ng		99
59) Diethylphthalate	10.15	149	513462	40.170	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	234671	39.056	ng		97
61) 4-Nitroaniline	10.31	138	115399	39.751	ng		99
62) Azobenzene	10.43	77	543387	41.863	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	58408	36.244	ng		96
65) n-Nitrosodiphenylamine	10.39	169	444315	39.585	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	147812	38.853	ng		94
67) Hexachlorobenzene	10.82	284	158133	38.386	ng	#	93
68) Atrazine	10.92	200	143654	41.010	ng		99
69) Pentachlorophenol	11.02	266	154319	66.571	ng		99
70) Phenanthrene	11.23	178	706567	42.643	ng		99
71) Anthracene	11.28	178	763439	44.572	ng		100
72) Carbazole	11.44	167	666249	40.106	ng		99
73) Di-n-butylphthalate	11.77	149	779402	40.451	ng		99
74) Fluoranthene	12.41	202	740440	42.775	ng		99
76) Benzidine	12.54	184	380810	44.580	ng		97
77) Pyrene	12.64	202	732247	43.463	ng		99
79) Butylbenzylphthalate	13.26	149	313790	42.959	ng		97
80) Benzo(a)anthracene	13.82	228	547780	43.167	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	137208	26.853	ng		98
82) Chrysene	13.86	228	580073	43.520	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	377557	42.367	ng		99
84) Di-n-octyl phthalate	14.42	149	603070	42.813	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	448289	46.988	ng		99
87) Benzo(b)fluoranthene	14.84	252	444729	42.435	ng		98
88) Benzo(k)fluoranthene	14.86	252	458646	43.556	ng		99
89) Benzo(a)pyrene	15.17	252	429851	45.198	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	367806	47.090	ng		98
91) Benzo(g,h,i)perylene	16.99	276	378850	48.572	ng		99

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

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