Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112265.D
Acq On : 28 Jan 2019 10:51
Operator : JU/SJ
Sample : PB116607BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116607BSD

Manual Integrations APPROVED
mohammad
1/29/2019 9:34:47 AM

Quant Time: Jan 29 00:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	184757	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	731881	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	375202	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	730352	20.00	ng		0.00
76) Chrysene-d12	14.01	240	585286	20.00	ng		0.00
87) Perylene-d12	15.47	264	501302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1231536	141.58	ng		0.00
7) Phenol-d6	6.49	99	1552077	128.41	ng		0.00
23) Nitrobenzene-d5	7.40	82	965020	75.97	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	538561	123.32	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2063608	77.79	ng		0.00
79) Terphenyl-d14	12.95	244	2289612	73.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	278353	80.332	ng		96
3) Pyridine	3.45	79	446233	50.627	ng		99
4) n-Nitrosodimethylamine	3.40	42	199065	53.756	ng		98
6) Aniline	6.50	93	421548	29.319	ng	#	29
8) 2-Chlorophenol	6.64	128	495439	42.340	ng		97
9) Benzaldehyde	6.39	77	105636	16.721	ng		96
10) Phenol	6.50	94	551724	41.607	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	441651	42.305	ng		98
12) 1,3-Dichlorobenzene	6.79	146	541337	39.724	ng		99
13) 1,4-Dichlorobenzene	6.86	146	551090	39.294	ng		99
14) 1,2-Dichlorobenzene	7.02	146	517636	39.421	ng		98
15) Benzyl Alcohol	6.99	79	405313	39.780	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	557167	41.566	ng		76
17) 2-Methylphenol	7.10	107	386821	41.701	ng		96
18) Hexachloroethane	7.35	117	194554	39.504	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	333031	39.959	ng		100
20) 3+4-Methylphenols	7.26	107	503604	42.456	ng	#	84
22) Acetophenone	7.25	105	660163	37.043	ng	#	97
24) Nitrobenzene	7.42	77	498213	39.274	ng		98
25) Isophorone	7.66	82	901820	45.257	ng		99
26) 2-Nitrophenol	7.74	139	273944	40.409	ng		94
27) 2,4-Dimethylphenol	7.79	122	431219	46.168	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	567282	41.810	ng		99
29) 2,4-Dichlorophenol	7.99	162	440214	42.116	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	478231	39.804	ng		99
31) Naphthalene	8.15	128	1451325	42.404	ng		99
32) Benzoic acid	7.92	122	201551	37.829	ng		93
33) 4-Chloroaniline	8.19	127	353964	23.752	ng		99
34) Hexachlorobutadiene	8.26	225	265943	37.720	ng		98
35) Caprolactam	8.56	113	135703m	36.802	ng		
36) 4-Chloro-3-methylphenol	8.69	107	439183	39.690	ng		100
37) 2-Methylnaphthalene	8.84	142	1038602	44.327	ng		97
38) 1-Methylnaphthalene	8.94	142	974240	43.381	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	478682	38.857	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	354174	76.351	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	298632	39.326	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	313759	39.534	ng		96
46) 1,1'-Biphenyl	9.30	154	1273098	38.812	ng		98
47) 2-Chloronaphthalene	9.33	162	978599	38.472	ng		97
48) 2-Nitroaniline	9.43	65	263745	38.042	ng		99
49) Acenaphthylene	9.75	152	1546834	41.490	ng		98
50) Dimethylphthalate	9.60	163	1158773	39.750	ng		99
51) 2,6-Dinitrotoluene	9.66	165	259323	39.720	ng	#	85
52) Acenaphthene	9.92	154	882613	39.630	ng		99
53) 3-Nitroaniline	9.83	138	176969	25.020	ng		92
54) 2,4-Dinitrophenol	9.96	184	189995	90.678	ng		93
55) Dibenzofuran	10.09	168	1355496	39.827	ng		96
56) 4-Nitrophenol	10.02	139	293249	78.420	ng		98
57) 2,4-Dinitrotoluene	10.07	165	336571	40.494	ng	#	89
58) Fluorene	10.43	166	1086585	42.663	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	276302	46.069	ng		97
60) Diethylphthalate	10.30	149	1149433	39.732	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	530668	38.303	ng		93
62) 4-Nitroaniline	10.45	138	260700	37.577	ng		96
63) Azobenzene	10.58	77	1002395	39.398	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	142879	34.893	ng		96
66) n-Nitrosodiphenylamine	10.54	169	963800	39.155	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	331538	38.596	ng		94
68) Hexachlorobenzene	10.99	284	353395	38.346	ng		98
69) Atrazine	11.06	200	323695	40.755	ng		95
70) Pentachlorophenol	11.18	266	265760	74.110	ng		98
71) Phenanthrene	11.39	178	1557121	41.009	ng		98
72) Anthracene	11.45	178	1612119	42.623	ng		100
73) Carbazole	11.60	167	1412589	37.862	ng		99
74) Di-n-butylphthalate	11.92	149	1779629	38.429	ng		99
75) Fluoranthene	12.58	202	1651907	40.563	ng		100
77) Benzidine	12.70	184	632642	39.272	ng		97
78) Pyrene	12.81	202	1648515	40.682	ng		100
80) Butylbenzylphthalate	13.42	149	769776	39.264	ng		92
81) Benzo(a)anthracene	14.00	228	1437443	41.779	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	352152	27.349	ng		99
83) Chrysene	14.03	228	1353856	41.223	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1101464	39.579	ng		98
85) Di-n-octyl phthalate	14.58	149	1738834	40.611	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1164855	44.761	ng		98
88) Benzo(b)fluoranthene	15.04	252	1351523	45.080	ng		100
89) Benzo(k)fluoranthene	15.07	252	1137128	39.598	ng		100
90) Benzo(a)pyrene	15.42	252	1182712	43.843	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	974320	44.815	ng		100
92) Benzo(g,h,i)perylene	17.40	276	941112	45.882	ng		97

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

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