Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114665.D
Acq On : 30 May 2019 17:33
Operator : HP/JU
Sample : PB119288BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Manual Integrations APPROVED
mohammad
6/3/2019 8:47:12 AM

Quant Time: May 31 06:43:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	1672120	20.00	ng		0.01
21) Naphthalene-d8	7.98	136	5775955	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	2899883	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	4929275	20.00	ng		0.01
76) Chrysene-d12	13.83	240	3589155	20.00	ng		0.01
87) Perylene-d12	15.22	264	4359863	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	8134608	85.41	ng		0.05
7) Phenol-d6	6.37	99	9895333	86.22	ng		0.05
23) Nitrobenzene-d5	7.27	82	7032818	75.97	ng		0.02
42) 2,4,6-Tribromophenol	10.53	330	3043679	110.15	ng		0.02
45) 2-Fluorobiphenyl	9.06	172	8751849	50.13	ng		0.00
79) Terphenyl-d14	12.80	244	9235782	48.38	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	362279	7.927	ng		98
3) Pyridine	3.20	79	29523	0.222	ng		96
4) n-Nitrosodimethylamine	3.11	42	394067	7.321	ng		96
6) Aniline	6.40	93	733527	4.231	ng		96
8) 2-Chlorophenol	6.50	128	727932	6.618	ng		87
9) Benzaldehyde	6.24	77	352863	Below Cal			95
10) Phenol	6.38	94	900623	6.496	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	694328	6.547	ng		97
12) 1,3-Dichlorobenzene	6.64	146	1019354	8.135	ng		97
13) 1,4-Dichlorobenzene	6.72	146	986153	7.845	ng		99
14) 1,2-Dichlorobenzene	6.87	146	774221	6.765	ng		97
15) Benzyl Alcohol	6.84	79	731705	8.105	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1233199	7.582	ng		100
17) 2-Methylphenol	6.96	107	766338	8.238	ng		99
18) Hexachloroethane	7.21	117	372536	7.827	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	640401	8.084	ng		99
20) 3+4-Methylphenols	7.12	107	897929	8.207	ng	#	81
22) Acetophenone	7.11	105	1258768	10.228	ng	#	99
24) Nitrobenzene	7.29	77	835699	8.498	ng		99
25) Isophorone	7.52	82	1700864	9.155	ng		99
26) 2-Nitrophenol	7.59	139	473466	9.891	ng		98
27) 2,4-Dimethylphenol	7.63	122	840429	10.556	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	1073302	9.075	ng		99
29) 2,4-Dichlorophenol	7.83	162	777080	9.589	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	881374	9.546	ng		99
31) Naphthalene	8.00	128	2459167	9.243	ng		99
32) Benzoic acid	7.75	122	523289	10.119	ng		98
33) 4-Chloroaniline	8.04	127	606580	4.785	ng		99
34) Hexachlorobutadiene	8.13	225	470495	9.174	ng		99
35) Caprolactam	8.42	113	235468m	8.610	ng		
36) 4-Chloro-3-methylphenol	8.53	107	761524	9.371	ng		98
37) 2-Methylnaphthalene	8.69	142	1766187	9.991	ng		98
38) 1-Methylnaphthalene	8.79	142	1673589	9.993	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	726335	9.405	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	994817	19.494	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	573328	9.435	ng		100
44) 2,4,5-Trichlorophenol	9.00	196	557670	9.197	ng		98
46) 1,1'-Biphenyl	9.15	154	2076506	9.646	ng		99
47) 2-Chloronaphthalene	9.17	162	1641898	9.299	ng		98
48) 2-Nitroaniline	9.26	65	450697	8.271	ng		93
49) Acenaphthylene	9.58	152	2514906	9.219	ng		100
50) Dimethylphthalate	9.46	163	1834892	9.081	ng		99
51) 2,6-Dinitrotoluene	9.51	165	429904	9.156	ng		94
52) Acenaphthene	9.76	154	1656546	9.902	ng		100
53) 3-Nitroaniline	9.67	138	296519	5.160	ng		98
54) 2,4-Dinitrophenol	9.77	184	362128	19.553	ng		92
55) Dibenzofuran	9.93	168	2177429	9.144	ng		100
56) 4-Nitrophenol	9.83	139	727450	17.082	ng		95
57) 2,4-Dinitrotoluene	9.90	165	564663	9.370	ng		96
58) Fluorene	10.27	166	1544177	4.997	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	477564	9.622	ng		100
60) Diethylphthalate	10.16	149	1828541	8.860	ng		100
61) 4-Chlorophenyl-phenylether	10.26	204	757112	5.119	ng		99
62) 4-Nitroaniline	10.28	138	437773	7.818	ng		99
63) Azobenzene	10.42	77	1718247	9.068	ng		98
65) 4,6-Dinitro-2-methylphenol	10.32	198	223291	10.216	ng		89
66) n-Nitrosodiphenylamine	10.39	169	1523361	10.460	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	524689	9.926	ng		97
68) Hexachlorobenzene	10.82	284	560638	9.792	ng		96
69) Atrazine	10.91	200	460394	8.186	ng		99
70) Pentachlorophenol	11.00	266	632980	19.179	ng		97
71) Phenanthrene	11.22	178	2318491	9.220	ng		99
72) Anthracene	11.27	178	2485296	9.766	ng		99
73) Carbazole	11.42	167	2152788	9.625	ng		99
74) Di-n-butylphthalate	11.77	149	2610682	5.987	ng		99
75) Fluoranthene	12.40	202	2372170	9.111	ng		99
77) Benzidine	12.52	184	1027787	6.954	ng		97
78) Pyrene	12.62	202	2431538	8.009	ng		100
80) Butylbenzylphthalate	13.26	149	1149866	7.536	ng		96
81) Benzo(a)anthracene	13.80	228	2117042	7.676	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	589242	5.532	ng		99
83) Chrysene	13.85	228	2037513	7.732	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1108534	5.876	ng	#	99
85) Di-n-octyl phthalate	14.43	149	2611274	7.967	ng		98
86) Indeno(1,2,3-cd)pyrene	16.52	276	2013516	7.629	ng		100
88) Benzo(b)fluoranthene	14.82	252	2113780m	7.698	ng		
89) Benzo(k)fluoranthene	14.84	252	2010695	8.424	ng		99
90) Benzo(a)pyrene	15.14	252	1986589	8.235	ng		98
91) Dibenzo(a,h)anthracene	16.54	278	1685336	7.906	ng		99
92) Benzo(g,h,i)perylene	16.92	276	1640233	7.928	ng		99

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

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