Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114625.D
Acq On : 26 May 2019 2:22
Operator : JU/SJ
Sample : PB120038BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:37 AM

Quant Time: May 27 01:29:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	176847	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	690444	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	329084	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	640948	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	462346	20.00	ng		-0.01
87) Perylene-d12	15.43	264	465211	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1146621	104.34	ng		0.00
7) Phenol-d6	6.45	99	1437002	110.56	ng		-0.01
23) Nitrobenzene-d5	7.37	82	993165	80.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	340893	100.20	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1743208	80.13	ng		-0.02
79) Terphenyl-d14	12.90	244	1785900	79.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	168624	27.916	ng		99
3) Pyridine	3.36	79	443139	26.627	ng		97
4) n-Nitrosodimethylamine	3.30	42	237458	29.588	ng		99
6) Aniline	6.47	93	440111	23.441	ng	#	53
8) 2-Chlorophenol	6.59	128	435825	37.149	ng		96
9) Benzaldehyde	6.36	77	211370	23.230	ng		97
10) Phenol	6.46	94	531232	34.744	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	408081	35.156	ng		97
12) 1,3-Dichlorobenzene	6.74	146	453574	34.443	ng		99
13) 1,4-Dichlorobenzene	6.82	146	464343	34.992	ng		98
14) 1,2-Dichlorobenzene	6.97	146	426021	35.140	ng		98
15) Benzyl Alcohol	6.95	79	339134	33.454	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	734132	32.618	ng		56
17) 2-Methylphenol	7.07	107	342929	35.584	ng	#	91
18) Hexachloroethane	7.30	117	168107	33.749	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	290821	35.301	ng		99
20) 3+4-Methylphenols	7.22	107	443673	39.847	ng	#	73
22) Acetophenone	7.21	105	581090	37.991	ng	#	88
24) Nitrobenzene	7.39	77	450326	35.938	ng		97
25) Isophorone	7.62	82	806523	35.347	ng		99
26) 2-Nitrophenol	7.70	139	233969	38.485	ng		96
27) 2,4-Dimethylphenol	7.75	122	376832	39.466	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	513476	34.683	ng		98
29) 2,4-Dichlorophenol	7.96	162	355968	37.440	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	383454	35.467	ng		98
31) Naphthalene	8.10	128	1227143	38.049	ng		99
32) Benzoic acid	7.90	122	198908m	31.963	ng		
33) 4-Chloroaniline	8.16	127	321912	21.903	ng		99
34) Hexachlorobutadiene	8.22	225	212412	34.529	ng		99
35) Caprolactam	8.53	113	115847m	37.367	ng		
36) 4-Chloro-3-methylphenol	8.66	107	369131	38.570	ng		98
37) 2-Methylnaphthalene	8.80	142	816010	39.215	ng		97
38) 1-Methylnaphthalene	8.90	142	772390	39.416	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	370106	37.127	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	169993	38.949	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	222939	32.514	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	228363	32.475	ng		95
46) 1,1'-Biphenyl	9.26	154	998948	37.575	ng		97
47) 2-Chloronaphthalene	9.29	162	760541	35.546	ng		98
48) 2-Nitroaniline	9.39	65	252709	33.304	ng		92
49) Acenaphthylene	9.70	152	1191600	36.618	ng		98
50) Dimethylphthalate	9.56	163	842744	34.885	ng		99
51) 2,6-Dinitrotoluene	9.63	165	189601	35.385	ng		93
52) Acenaphthene	9.87	154	699090	35.009	ng		99
53) 3-Nitroaniline	9.80	138	150410	22.613	ng		98
54) 2,4-Dinitrophenol	9.93	184	153697	58.981	ng		93
55) Dibenzofuran	10.05	168	1010835	34.521	ng		99
56) 4-Nitrophenol	9.99	139	189504	40.288	ng		98
57) 2,4-Dinitrotoluene	10.05	165	237941	32.717	ng	#	78
58) Fluorene	10.39	166	832488	36.807	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	197582	32.565	ng		99
60) Diethylphthalate	10.26	149	841099	34.266	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	397750	35.806	ng		96
62) 4-Nitroaniline	10.42	138	204894	29.315	ng		96
63) Azobenzene	10.54	77	819148	34.477	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	106823	34.685	ng		100
66) n-Nitrosodiphenylamine	10.50	169	740530	38.068	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	247191	35.027	ng		98
68) Hexachlorobenzene	10.95	284	264042	33.821	ng		94
69) Atrazine	11.02	200	217878	35.991	ng		98
70) Pentachlorophenol	11.15	266	162762	43.979	ng		97
71) Phenanthrene	11.35	178	1172551	37.602	ng		99
72) Anthracene	11.40	178	1216907	38.853	ng		99
73) Carbazole	11.56	167	1149997	38.504	ng		98
74) Di-n-butylphthalate	11.88	149	1298486	37.737	ng		99
75) Fluoranthene	12.54	202	1282116	38.181	ng		98
77) Benzidine	12.66	184	629405	30.327	ng		98
78) Pyrene	12.77	202	1297794	34.893	ng		99
80) Butylbenzylphthalate	13.37	149	578603	36.959	ng		99
81) Benzo(a)anthracene	13.96	228	1102193	36.857	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	321518	27.715	ng		97
83) Chrysene	14.00	228	1088162	37.120	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	775185	37.860	ng		98
85) Di-n-octyl phthalate	14.54	149	1277948	38.503	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1015010	39.178	ng		100
88) Benzo(b)fluoranthene	15.00	252	1116740	37.469	ng		100
89) Benzo(k)fluoranthene	15.03	252	973562	35.560	ng		99
90) Benzo(a)pyrene	15.37	252	986399	37.606	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	850081	39.002	ng		99
92) Benzo(g,h,i)perylene	17.33	276	870460	39.851	ng		99

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

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