Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114603.D
Acq On : 25 May 2019 15:00
Operator : JU/SJ
Sample : PB119810BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119810BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:49:44 AM

Quant Time: May 27 00:28:29 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	126626	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	483548	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	229585	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	465134	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	338651	20.00	ng		-0.02
87) Perylene-d12	15.42	264	351880	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1018457	129.43	ng		0.00
7) Phenol-d6	6.45	99	1262997	135.71	ng		-0.01
23) Nitrobenzene-d5	7.37	82	766546	88.96	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	311520	131.25	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1412744	93.08	ng		-0.02
79) Terphenyl-d14	12.90	244	1527807	93.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	193142	44.657	ng		98
3) Pyridine	3.35	79	355345	29.820	ng		99
4) n-Nitrosodimethylamine	3.29	42	192758	33.544	ng		98
6) Aniline	6.47	93	374658	27.869	ng	#	62
8) 2-Chlorophenol	6.59	128	365872	43.555	ng		95
9) Benzaldehyde	6.35	77	176737	27.127	ng		96
10) Phenol	6.46	94	448746	40.990	ng		85
11) bis(2-Chloroethyl)ether	6.53	93	348066	41.878	ng		97
12) 1,3-Dichlorobenzene	6.74	146	387158	41.059	ng		98
13) 1,4-Dichlorobenzene	6.82	146	393729	41.438	ng		98
14) 1,2-Dichlorobenzene	6.97	146	365180	42.068	ng		98
15) Benzyl Alcohol	6.95	79	293271	40.404	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	628187	38.981	ng		57
17) 2-Methylphenol	7.07	107	286265	41.486	ng	#	91
18) Hexachloroethane	7.31	117	142596	39.982	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	251616	42.655	ng		96
20) 3+4-Methylphenols	7.22	107	381128	47.805	ng	#	65
22) Acetophenone	7.21	105	492591	45.984	ng	#	88
24) Nitrobenzene	7.39	77	383210	43.667	ng		96
25) Isophorone	7.62	82	687309	43.011	ng		99
26) 2-Nitrophenol	7.70	139	194335	45.643	ng		99
27) 2,4-Dimethylphenol	7.75	122	320730	47.963	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	441724	42.603	ng		99
29) 2,4-Dichlorophenol	7.96	162	301820	45.327	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	321356	42.441	ng		99
31) Naphthalene	8.10	128	1036811	45.902	ng		99
32) Benzoic acid	7.89	122	165465m	36.648	ng		
33) 4-Chloroaniline	8.16	127	274619	26.681	ng		97
34) Hexachlorobutadiene	8.22	225	183703	42.640	ng		98
35) Caprolactam	8.52	113	98256m	45.254	ng		
36) 4-Chloro-3-methylphenol	8.65	107	314268	46.888	ng		97
37) 2-Methylnaphthalene	8.80	142	701467	48.134	ng		97
38) 1-Methylnaphthalene	8.90	142	657293	47.894	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	319375	45.923	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	138294	44.700	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	196050	40.984	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	197339	40.226	ng		96
46) 1,1'-Biphenyl	9.26	154	861109	46.428	ng		98
47) 2-Chloronaphthalene	9.29	162	642974	43.075	ng		99
48) 2-Nitroaniline	9.39	65	214730	40.563	ng		99
49) Acenaphthylene	9.70	152	1030221	45.379	ng		99
50) Dimethylphthalate	9.56	163	736272	43.686	ng		100
51) 2,6-Dinitrotoluene	9.63	165	165117	44.171	ng		98
52) Acenaphthene	9.87	154	603729	43.336	ng		100
53) 3-Nitroaniline	9.80	138	130763	28.180	ng		98
54) 2,4-Dinitrophenol	9.92	184	132797	71.438	ng		99
55) Dibenzofuran	10.05	168	885227	43.334	ng		99
56) 4-Nitrophenol	9.99	139	166597	50.767	ng		98
57) 2,4-Dinitrotoluene	10.04	165	206672	40.734	ng	#	76
58) Fluorene	10.39	166	728748	46.185	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	170526	40.286	ng		99
60) Diethylphthalate	10.26	149	761039	44.442	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	352560	45.492	ng		97
62) 4-Nitroaniline	10.42	138	178563	36.620	ng		99
63) Azobenzene	10.54	77	723762	43.664	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	94976	42.494	ng		88
66) n-Nitrosodiphenylamine	10.50	169	644767	45.673	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	217877	42.543	ng		97
68) Hexachlorobenzene	10.95	284	233419	41.200	ng		92
69) Atrazine	11.02	200	190404	43.341	ng		98
70) Pentachlorophenol	11.15	266	159615	59.431	ng		96
71) Phenanthrene	11.35	178	1026716	45.371	ng		99
72) Anthracene	11.40	178	1074504	47.274	ng		98
73) Carbazole	11.56	167	1009606	46.581	ng		98
74) Di-n-butylphthalate	11.88	149	1214209	48.625	ng		99
75) Fluoranthene	12.54	202	1145158	46.993	ng		99
77) Benzidine	12.66	184	586153	38.559	ng		97
78) Pyrene	12.77	202	1157743	42.497	ng		99
80) Butylbenzylphthalate	13.37	149	539491	47.048	ng		99
81) Benzo(a)anthracene	13.96	228	991739	45.277	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	270380	31.820	ng		99
83) Chrysene	14.00	228	976251	45.466	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	763739	50.926	ng		99
85) Di-n-octyl phthalate	14.54	149	1278362	52.583	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	908463	47.873	ng		100
88) Benzo(b)fluoranthene	15.00	252	959284	42.553	ng		100
89) Benzo(k)fluoranthene	15.03	252	971633	46.920	ng		98
90) Benzo(a)pyrene	15.37	252	920198	46.381	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	761105	46.166	ng		98
92) Benzo(g,h,i)perylene	17.33	276	779941	47.207	ng		97

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

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