Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113200.D
Acq On : 21 Mar 2019 11:11
Operator : JU/SJ
Sample : PB118085BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Manual Integrations APPROVED
Sohil
3/22/2019 3:35:47 PM

Quant Time: Mar 22 00:59:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	196819	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	704038	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	356886	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	724978	20.00	ng		0.00
76) Chrysene-d12	13.87	240	566524	20.00	ng		0.00
87) Perylene-d12	15.28	264	460288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1360103	107.49	ng		0.01
7) Phenol-d6	6.38	99	1858432	116.93	ng		0.00
23) Nitrobenzene-d5	7.29	82	944402	80.27	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	518761	136.92	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1777230	81.65	ng		0.00
79) Terphenyl-d14	12.82	244	1983898	67.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	204150	32.188	ng		98
3) Pyridine	3.20	79	443402	26.131	ng		99
4) n-Nitrosodimethylamine	3.13	42	237684	32.021	ng		100
6) Aniline	6.39	93	585881	26.780	ng	#	48
8) 2-Chlorophenol	6.52	128	536802	38.112	ng		97
9) Benzaldehyde	6.27	77	286461	25.014	ng		99
10) Phenol	6.39	94	668277	36.031	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	546729	38.405	ng		98
12) 1,3-Dichlorobenzene	6.67	146	525645	36.127	ng		96
13) 1,4-Dichlorobenzene	6.74	146	545135	37.360	ng		99
14) 1,2-Dichlorobenzene	6.90	146	453729	33.921	ng		98
15) Benzyl Alcohol	6.87	79	378460	31.227	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	689754	29.033	ng		76
17) 2-Methylphenol	7.00	107	377001	32.994	ng	#	89
18) Hexachloroethane	7.23	117	178580	31.950	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	318542	31.645	ng		99
20) 3+4-Methylphenols	7.15	107	466876	36.192	ng	#	78
22) Acetophenone	7.13	105	643268	39.075	ng	#	91
24) Nitrobenzene	7.31	77	493327	37.672	ng		98
25) Isophorone	7.55	82	914624	36.083	ng		98
26) 2-Nitrophenol	7.62	139	261906	48.045	ng		94
27) 2,4-Dimethylphenol	7.67	122	424344	41.842	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	570794	36.018	ng		100
29) 2,4-Dichlorophenol	7.87	162	412119	41.904	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	443389	41.958	ng		99
31) Naphthalene	8.03	128	1355251	38.773	ng		100
32) Benzoic acid	7.82	122	288924	40.647	ng		93
33) 4-Chloroaniline	8.08	127	387857	26.198	ng		99
34) Hexachlorobutadiene	8.15	225	263707	44.249	ng		99
35) Caprolactam	8.46	113	134343m	38.784	ng		
36) 4-Chloro-3-methylphenol	8.58	107	427650	39.291	ng		95
37) 2-Methylnaphthalene	8.72	142	929035	41.157	ng		99
38) 1-Methylnaphthalene	8.82	142	874288	39.984	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	427926	41.118	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	466613	81.877	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	299936	41.876	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	325937	42.101	ng		97
46) 1,1'-Biphenyl	9.19	154	1113863	38.264	ng		99
47) 2-Chloronaphthalene	9.21	162	865959	38.098	ng		98
48) 2-Nitroaniline	9.30	65	276731	40.055	ng		99
49) Acenaphthylene	9.62	152	1406123	36.440	ng		99
50) Dimethylphthalate	9.49	163	1054693	40.079	ng		99
51) 2,6-Dinitrotoluene	9.55	165	233269	42.569	ng	#	79
52) Acenaphthene	9.79	154	807690	35.793	ng		99
53) 3-Nitroaniline	9.72	138	185869	27.836	ng		99
54) 2,4-Dinitrophenol	9.83	184	247563	107.989	ng		97
55) Dibenzofuran	9.97	168	1227382	37.424	ng		97
56) 4-Nitrophenol	9.90	139	350523	64.592	ng		95
57) 2,4-Dinitrotoluene	9.96	165	303451	44.549	ng		90
58) Fluorene	10.31	166	923761	39.685	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	284906	44.171	ng		94
60) Diethylphthalate	10.19	149	1045325	37.611	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	466091	43.036	ng		97
62) 4-Nitroaniline	10.33	138	257700	41.766	ng		98
63) Azobenzene	10.46	77	952949	33.475	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	152903	51.010	ng	#	76
66) n-Nitrosodiphenylamine	10.42	169	857558	36.883	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	309738	40.562	ng		97
68) Hexachlorobenzene	10.86	284	360139	41.838	ng		94
69) Atrazine	10.95	200	265989	37.353	ng		99
70) Pentachlorophenol	11.06	266	373285	73.678	ng		99
71) Phenanthrene	11.27	178	1362107	37.762	ng		100
72) Anthracene	11.32	178	1425532	37.754	ng		100
73) Carbazole	11.47	167	1325391	35.983	ng		100
74) Di-n-butylphthalate	11.80	149	1659863	37.583	ng		100
75) Fluoranthene	12.45	202	1528744	39.558	ng		96
77) Benzidine	12.57	184	618293	21.036	ng		99
78) Pyrene	12.67	202	1537595	32.195	ng		100
80) Butylbenzylphthalate	13.29	149	720766	34.190	ng		97
81) Benzo(a)anthracene	13.86	228	1251227	31.867	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	433586	29.198	ng		100
83) Chrysene	13.90	228	1284149	33.389	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	926472	37.468	ng		100
85) Di-n-octyl phthalate	14.46	149	1642038	38.673	ng		97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1071680	32.685	ng	#	94
88) Benzo(b)fluoranthene	14.89	252	1287266	43.236	ng	#	97
89) Benzo(k)fluoranthene	14.91	252	1072767	39.779	ng		98
90) Benzo(a)pyrene	15.23	252	1095581	41.603	ng	#	97
91) Dibenzo(a,h)anthracene	16.67	278	894673	39.813	ng	#	95
92) Benzo(g,h,i)perylene	17.06	276	879871	38.993	ng	#	94

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

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