Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114611.D
Acq On : 25 May 2019 18:31
Operator : JU/SJ
Sample : PB119943BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119943BSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:05 AM

Quant Time: May 27 00:47:54 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	180637	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	725880	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	356846	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	698230	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	469320	20.00	ng		-0.02
87) Perylene-d12	15.43	264	496637	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1197989	106.73	ng		0.00
7) Phenol-d6	6.45	99	1488529	112.12	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1040077	80.41	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	376618	102.09	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1852445	78.52	ng		-0.02
79) Terphenyl-d14	12.91	244	1836767	80.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	173119	28.059	ng		99
3) Pyridine	3.36	79	449915	26.467	ng		100
4) n-Nitrosodimethylamine	3.30	42	242406	29.571	ng		97
6) Aniline	6.47	93	446900	23.303	ng	#	34
8) 2-Chlorophenol	6.59	128	454651	37.941	ng		97
9) Benzaldehyde	6.35	77	224049	24.106	ng		98
10) Phenol	6.46	94	557174	35.676	ng		83
11) bis(2-Chloroethyl)ether	6.54	93	428306	36.124	ng		97
12) 1,3-Dichlorobenzene	6.74	146	470008	34.942	ng		98
13) 1,4-Dichlorobenzene	6.82	146	478804	35.324	ng		99
14) 1,2-Dichlorobenzene	6.97	146	442575	35.739	ng		98
15) Benzyl Alcohol	6.95	79	361906	34.952	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	774790	33.702	ng		51
17) 2-Methylphenol	7.07	107	358688	36.439	ng	#	91
18) Hexachloroethane	7.31	117	177616	34.910	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	312935	37.188	ng		99
20) 3+4-Methylphenols	7.22	107	473619	41.644	ng	#	72
22) Acetophenone	7.21	105	610545	37.968	ng	#	89
24) Nitrobenzene	7.39	77	474215	35.997	ng		99
25) Isophorone	7.63	82	871425	36.327	ng		99
26) 2-Nitrophenol	7.70	139	245732	38.447	ng		96
27) 2,4-Dimethylphenol	7.75	122	399728	39.820	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	551439	35.429	ng		99
29) 2,4-Dichlorophenol	7.95	162	383745	38.391	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	401343	35.309	ng		99
31) Naphthalene	8.10	128	1287124	37.960	ng		98
32) Benzoic acid	7.90	122	236296m	35.205	ng		
33) 4-Chloroaniline	8.16	127	304663	19.718	ng		97
34) Hexachlorobutadiene	8.22	225	221899	34.311	ng		99
35) Caprolactam	8.53	113	127359m	39.075	ng		
36) 4-Chloro-3-methylphenol	8.66	107	401526	39.907	ng		100
37) 2-Methylnaphthalene	8.80	142	870880	39.809	ng		98
38) 1-Methylnaphthalene	8.90	142	823225	39.959	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	396472	36.678	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	191866	40.364	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	251305	33.799	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	254961	33.437	ng		96
46) 1,1'-Biphenyl	9.26	154	1073897	37.251	ng		97
47) 2-Chloronaphthalene	9.29	162	809447	34.889	ng		98
48) 2-Nitroaniline	9.39	65	274947	33.416	ng		95
49) Acenaphthylene	9.70	152	1270637	36.009	ng		98
50) Dimethylphthalate	9.56	163	924486	35.291	ng		99
51) 2,6-Dinitrotoluene	9.63	165	208611	35.904	ng		88
52) Acenaphthene	9.87	154	751992	34.728	ng		100
53) 3-Nitroaniline	9.80	138	157546	21.844	ng		97
54) 2,4-Dinitrophenol	9.93	184	176433	62.043	ng		93
55) Dibenzofuran	10.05	168	1085591	34.190	ng		100
56) 4-Nitrophenol	9.99	139	210461	41.262	ng		95
57) 2,4-Dinitrotoluene	10.05	165	258457	32.773	ng	#	80
58) Fluorene	10.39	166	902421	36.795	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	220319	33.487	ng		99
60) Diethylphthalate	10.26	149	940446	35.333	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	431177	35.795	ng		96
62) 4-Nitroaniline	10.42	138	221600	29.239	ng		97
63) Azobenzene	10.54	77	899748	34.923	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	120936	36.046	ng		97
66) n-Nitrosodiphenylamine	10.50	169	799013	37.705	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	271288	35.288	ng		97
68) Hexachlorobenzene	10.94	284	289503	34.040	ng		95
69) Atrazine	11.03	200	233656	35.431	ng		99
70) Pentachlorophenol	11.14	266	183646	45.551	ng		97
71) Phenanthrene	11.35	178	1247899	36.736	ng		99
72) Anthracene	11.40	178	1296694	38.004	ng		99
73) Carbazole	11.56	167	1213027	37.282	ng		99
74) Di-n-butylphthalate	11.88	149	1409351	37.598	ng		100
75) Fluoranthene	12.54	202	1327259	36.283	ng		98
77) Benzidine	12.66	184	651605	30.930	ng		97
78) Pyrene	12.77	202	1329080	35.203	ng		100
80) Butylbenzylphthalate	13.37	149	602628	37.922	ng		98
81) Benzo(a)anthracene	13.96	228	1094696	36.063	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	325236	27.619	ng		98
83) Chrysene	14.00	228	1073098	36.062	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	791708	38.093	ng		99
85) Di-n-octyl phthalate	14.54	149	1333802	39.589	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1049758	39.917	ng		99
88) Benzo(b)fluoranthene	15.01	252	1153378	36.250	ng		98
89) Benzo(k)fluoranthene	15.03	252	1025901	35.101	ng		100
90) Benzo(a)pyrene	15.37	252	1062980	37.961	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	874522	37.584	ng		99
92) Benzo(g,h,i)perylene	17.33	276	890868	38.205	ng		98

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

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