Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114487.D
Acq On : 22 May 2019 15:51
Operator : JU/SJ
Sample : PB119674BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Manual Integrations APPROVED
mohammad
5/23/2019 4:07:52 AM

Quant Time: May 22 16:57:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	226465	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	905538	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	444101	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	887885	20.00	ng		0.00
76) Chrysene-d12	14.00	240	617120	20.00	ng		0.00
87) Perylene-d12	15.47	264	633908	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1431546	101.73	ng		0.00
7) Phenol-d6	6.48	99	1827864	109.82	ng		0.00
23) Nitrobenzene-d5	7.40	82	1293719	80.18	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	468513	102.04	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2302806	78.44	ng		0.00
79) Terphenyl-d14	12.94	244	2323297	77.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	228123	29.492	ng		98
3) Pyridine	3.44	79	590449	27.705	ng		100
4) n-Nitrosodimethylamine	3.39	42	314525	30.604	ng		98
6) Aniline	6.49	93	536668	22.321	ng	#	1
8) 2-Chlorophenol	6.62	128	558520	37.177	ng		97
9) Benzaldehyde	6.38	77	301498	25.875	ng		99
10) Phenol	6.49	94	675506	34.500	ng		90
11) bis(2-Chloroethyl)ether	6.56	93	543041	36.532	ng		99
12) 1,3-Dichlorobenzene	6.77	146	585822	34.739	ng		98
13) 1,4-Dichlorobenzene	6.85	146	595769	35.059	ng		98
14) 1,2-Dichlorobenzene	7.00	146	540403	34.808	ng		99
15) Benzyl Alcohol	6.98	79	434100	33.440	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	982044	34.073	ng		74
17) 2-Methylphenol	7.09	107	456272	36.972	ng	#	92
18) Hexachloroethane	7.34	117	221651	34.749	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	388197	36.796	ng		98
20) 3+4-Methylphenols	7.25	107	583413	40.917	ng	#	62
22) Acetophenone	7.24	105	752058	37.489	ng		92
24) Nitrobenzene	7.42	77	590754	35.946	ng		94
25) Isophorone	7.65	82	1090162	36.429	ng		99
26) 2-Nitrophenol	7.73	139	310686	38.966	ng		96
27) 2,4-Dimethylphenol	7.77	122	504295	40.270	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	698590	35.979	ng		98
29) 2,4-Dichlorophenol	7.98	162	472755	37.912	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	501283	35.352	ng		99
31) Naphthalene	8.13	128	1594053	37.685	ng		98
32) Benzoic acid	7.93	122	284109	34.185	ng		96
33) 4-Chloroaniline	8.19	127	412453	21.398	ng		98
34) Hexachlorobutadiene	8.25	225	275846	34.190	ng		97
35) Caprolactam	8.56	113	160080m	39.370	ng		
36) 4-Chloro-3-methylphenol	8.69	107	502973	40.072	ng		98
37) 2-Methylnaphthalene	8.83	142	1082068	39.649	ng		99
38) 1-Methylnaphthalene	8.93	142	1023968	39.842	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	487216	36.217	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	289004	47.944	ng		98
43) 2,4,6-Trichlorophenol	9.11	196	311123	33.623	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	324143	34.158	ng		98
46) 1,1'-Biphenyl	9.29	154	1327788	37.009	ng		98
47) 2-Chloronaphthalene	9.32	162	1008171	34.917	ng		99
48) 2-Nitroaniline	9.42	65	350357	34.215	ng		98
49) Acenaphthylene	9.73	152	1603183	36.506	ng		98
50) Dimethylphthalate	9.59	163	1162087	35.646	ng		100
51) 2,6-Dinitrotoluene	9.66	165	263421	36.430	ng		97
52) Acenaphthene	9.90	154	934460	34.676	ng		98
53) 3-Nitroaniline	9.83	138	191537	21.339	ng		100
54) 2,4-Dinitrophenol	9.95	184	242072	67.709	ng		97
55) Dibenzofuran	10.07	168	1358738	34.385	ng		100
56) 4-Nitrophenol	10.01	139	282681	44.532	ng		97
57) 2,4-Dinitrotoluene	10.07	165	329144	33.537	ng	#	83
58) Fluorene	10.42	166	1113054	36.467	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	281595	34.391	ng		98
60) Diethylphthalate	10.29	149	1173270	35.420	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	538171	35.899	ng		98
62) 4-Nitroaniline	10.45	138	299966	31.802	ng		96
63) Azobenzene	10.57	77	1137125	35.465	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	158496	37.150	ng		90
66) n-Nitrosodiphenylamine	10.53	169	989294	36.712	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	337535	34.527	ng		96
68) Hexachlorobenzene	10.97	284	366517	33.890	ng		94
69) Atrazine	11.06	200	300806	35.870	ng		99
70) Pentachlorophenol	11.17	266	292321	57.019	ng		99
71) Phenanthrene	11.38	178	1566116	36.255	ng		99
72) Anthracene	11.43	178	1645315	37.922	ng		99
73) Carbazole	11.59	167	1544967	37.342	ng		98
74) Di-n-butylphthalate	11.91	149	1803074	37.827	ng		99
75) Fluoranthene	12.57	202	1691658	36.366	ng		99
77) Benzidine	12.69	184	846399	30.554	ng		97
78) Pyrene	12.80	202	1719701	34.640	ng		99
80) Butylbenzylphthalate	13.40	149	782643	37.455	ng		97
81) Benzo(a)anthracene	13.99	228	1443147	36.156	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	396112	25.582	ng		99
83) Chrysene	14.03	228	1419284	36.273	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1046511	38.293	ng		100
85) Di-n-octyl phthalate	14.58	149	1735616	39.177	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1251212	36.182	ng		100
88) Benzo(b)fluoranthene	15.05	252	1471683	36.238	ng		99
89) Benzo(k)fluoranthene	15.07	252	1300000	34.847	ng		99
90) Benzo(a)pyrene	15.42	252	1333101	37.298	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1053582	35.474	ng		100
92) Benzo(g,h,i)perylene	17.40	276	1059119	35.584	ng		99

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

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