Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114306.D
Acq On : 16 May 2019 13:55
Operator : JU/SJ
Sample : PB119776BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Manual Integrations APPROVED
mohammad
5/17/2019 3:04:21 PM

Quant Time: May 17 08:19:52 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 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	256582	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1015725	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	484362	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	956655	20.00	ng		0.00
76) Chrysene-d12	14.02	240	700909	20.00	ng		0.00
87) Perylene-d12	15.50	264	675573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1617895	101.47	ng		0.02
7) Phenol-d6	6.50	99	2077508	110.17	ng		0.01
23) Nitrobenzene-d5	7.42	82	1171825	64.74	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	518219	103.49	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1995899	62.33	ng		0.00
79) Terphenyl-d14	12.96	244	2124301	62.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	272603	31.106	ng		98
3) Pyridine	3.47	79	711825	29.480	ng		95
4) n-Nitrosodimethylamine	3.42	42	348853	29.960	ng		94
6) Aniline	6.52	93	626953	23.016	ng	#	24
8) 2-Chlorophenol	6.65	128	616275	36.206	ng		95
9) Benzaldehyde	6.40	77	261170	19.783	ng		100
10) Phenol	6.52	94	743414	33.512	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	615647	36.556	ng		98
12) 1,3-Dichlorobenzene	6.79	146	644878	33.752	ng		99
13) 1,4-Dichlorobenzene	6.87	146	653275	33.931	ng		97
14) 1,2-Dichlorobenzene	7.02	146	605692	34.434	ng		99
15) Benzyl Alcohol	7.00	79	502267	34.150	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1115792	34.170	ng		70
17) 2-Methylphenol	7.12	107	504873	36.108	ng	#	92
18) Hexachloroethane	7.36	117	245668	33.994	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	429164	35.905	ng		99
20) 3+4-Methylphenols	7.27	107	633225	39.198	ng	#	61
22) Acetophenone	7.26	105	817207	36.318	ng		92
24) Nitrobenzene	7.43	77	655837	35.577	ng		95
25) Isophorone	7.67	82	1192365	35.522	ng		98
26) 2-Nitrophenol	7.75	139	338458	37.844	ng		98
27) 2,4-Dimethylphenol	7.79	122	548574	39.054	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	774219	35.548	ng		99
29) 2,4-Dichlorophenol	8.00	162	503523	35.999	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	544061	34.207	ng		99
31) Naphthalene	8.15	128	1747289	36.827	ng		99
32) Benzoic acid	7.93	122	292683	31.969	ng		97
33) 4-Chloroaniline	8.20	127	482451	22.314	ng		99
34) Hexachlorobutadiene	8.27	225	304608	33.659	ng		98
35) Caprolactam	8.57	113	180128m	39.495	ng		
36) 4-Chloro-3-methylphenol	8.70	107	535384	38.027	ng		98
37) 2-Methylnaphthalene	8.85	142	1172385	38.298	ng		98
38) 1-Methylnaphthalene	8.95	142	1108628	38.457	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	524734	35.763	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	329880	49.975	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	338796	33.570	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	354693	34.270	ng		99
46) 1,1'-Biphenyl	9.31	154	1402194	35.834	ng		98
47) 2-Chloronaphthalene	9.33	162	1075808	34.162	ng		99
48) 2-Nitroaniline	9.43	65	374729	33.553	ng		99
49) Acenaphthylene	9.75	152	1716384	35.835	ng		99
50) Dimethylphthalate	9.60	163	1232274	34.657	ng		99
51) 2,6-Dinitrotoluene	9.67	165	284527	36.078	ng		92
52) Acenaphthene	9.92	154	996037	33.889	ng		98
53) 3-Nitroaniline	9.85	138	232781	23.778	ng		99
54) 2,4-Dinitrophenol	9.96	184	245469	63.426	ng		98
55) Dibenzofuran	10.09	168	1467010	34.039	ng		99
56) 4-Nitrophenol	10.03	139	363660	52.527	ng		94
57) 2,4-Dinitrotoluene	10.09	165	362090	33.827	ng		96
58) Fluorene	10.44	166	1173594	35.254	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	285677	31.990	ng	#	99
60) Diethylphthalate	10.30	149	1232926	34.127	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	570870	34.915	ng		98
62) 4-Nitroaniline	10.46	138	329876	32.066	ng		96
63) Azobenzene	10.59	77	1225637	35.048	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	159633	34.727	ng		86
66) n-Nitrosodiphenylamine	10.55	169	1059807	36.501	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	357252	33.917	ng		97
68) Hexachlorobenzene	10.99	284	386724	33.188	ng		97
69) Atrazine	11.07	200	321073	35.535	ng		97
70) Pentachlorophenol	11.19	266	314025	56.850	ng		99
71) Phenanthrene	11.40	178	1659069	35.646	ng		99
72) Anthracene	11.45	178	1748143	37.395	ng		100
73) Carbazole	11.61	167	1670210	37.467	ng		98
74) Di-n-butylphthalate	11.93	149	1932218	37.623	ng		99
75) Fluoranthene	12.59	202	1839187	36.695	ng		99
77) Benzidine	12.70	184	780884	24.819	ng		97
78) Pyrene	12.82	202	1860192	32.991	ng		100
80) Butylbenzylphthalate	13.43	149	868729	36.605	ng		99
81) Benzo(a)anthracene	14.01	228	1606154	35.429	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	488651	27.786	ng		99
83) Chrysene	14.05	228	1559990	35.103	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1201092	38.696	ng		100
85) Di-n-octyl phthalate	14.61	149	2018844	40.123	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1376943	35.058	ng		99
88) Benzo(b)fluoranthene	15.08	252	1617324	37.368	ng		100
89) Benzo(k)fluoranthene	15.11	252	1465814	36.868	ng		100
90) Benzo(a)pyrene	15.45	252	1482582	38.922	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	1150037	36.334	ng		98
92) Benzo(g,h,i)perylene	17.44	276	1144867	36.093	ng		99

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

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