Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116385.D
Acq On : 19 Aug 2019 13:07
Operator : HP/JU
Sample : PB122249BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:05 PM

Quant Time: Aug 19 16:32:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121662	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	509592	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	273263	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	475517	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	355137	20.00	ng		-0.01
87) Perylene-d12	15.42	264	286450	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	812530	111.80	ng		0.00
7) Phenol-d6	6.46	99	982686	107.17	ng		0.00
23) Nitrobenzene-d5	7.37	82	646153	73.19	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	280459	105.86	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1142265	78.30	ng		-0.01
79) Terphenyl-d14	12.90	244	1287673	76.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	132833	36.180	ng		99
3) Pyridine	3.39	79	298818	29.136	ng		97
4) n-Nitrosodimethylamine	3.32	42	141286	34.908	ng		100
6) Aniline	6.47	93	351155	26.742	ng	#	82
8) 2-Chlorophenol	6.60	128	338825	42.161	ng		99
9) Benzaldehyde	6.37	77	82425	13.028	ng		99
10) Phenol	6.47	94	425040	39.364	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	322416	40.614	ng		97
12) 1,3-Dichlorobenzene	6.75	146	359439	38.701	ng		98
13) 1,4-Dichlorobenzene	6.82	146	370949	39.890	ng		98
14) 1,2-Dichlorobenzene	6.97	146	341795	39.916	ng		99
15) Benzyl Alcohol	6.96	79	272777	39.201	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	424930	39.243	ng		77
17) 2-Methylphenol	7.07	107	280794	41.264	ng		96
18) Hexachloroethane	7.31	117	132765	38.777	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	235862	41.511	ng		98
20) 3+4-Methylphenols	7.23	107	361757	44.924	ng	#	82
22) Acetophenone	7.22	105	470993	42.143	ng	#	93
24) Nitrobenzene	7.39	77	381255	39.996	ng		98
25) Isophorone	7.63	82	682738	40.444	ng		99
26) 2-Nitrophenol	7.71	139	185081	41.189	ng		94
27) 2,4-Dimethylphenol	7.75	122	304080	44.980	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	420741	40.212	ng		99
29) 2,4-Dichlorophenol	7.96	162	294901	41.315	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	315625	38.791	ng		99
31) Naphthalene	8.10	128	983879	41.029	ng		99
32) Benzoic acid	7.91	122	147306	30.906	ng		99
33) 4-Chloroaniline	8.16	127	298587	27.867	ng		99
34) Hexachlorobutadiene	8.22	225	175595	37.467	ng		99
35) Caprolactam	8.53	113	91058m	39.443	ng		
36) 4-Chloro-3-methylphenol	8.66	107	307638	41.429	ng		94
37) 2-Methylnaphthalene	8.80	142	652620	41.323	ng		99
38) 1-Methylnaphthalene	8.89	142	613541	41.065	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	300412	41.122	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	141281	45.812	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	177808	35.361	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	186354	35.852	ng		99
46) 1,1'-Biphenyl	9.26	154	804756	41.714	ng		99
47) 2-Chloronaphthalene	9.29	162	631341	39.319	ng		99
48) 2-Nitroaniline	9.39	65	197140	37.144	ng		91
49) Acenaphthylene	9.70	152	945233	40.351	ng		99
50) Dimethylphthalate	9.56	163	732584	39.373	ng		100
51) 2,6-Dinitrotoluene	9.63	165	163558	40.450	ng	#	90
52) Acenaphthene	9.87	154	577844	40.208	ng		100
53) 3-Nitroaniline	9.80	138	132675	26.555	ng		96
54) 2,4-Dinitrophenol	9.93	184	102152	52.633	ng		96
55) Dibenzofuran	10.05	168	813625	38.931	ng		100
56) 4-Nitrophenol	9.99	139	190710	59.587	ng		94
57) 2,4-Dinitrotoluene	10.04	165	202924	37.694	ng	#	87
58) Fluorene	10.39	166	671305	41.749	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	166966	38.181	ng		100
60) Diethylphthalate	10.26	149	712580	41.021	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	338141	41.523	ng		98
62) 4-Nitroaniline	10.42	138	157027	30.412	ng		99
63) Azobenzene	10.53	77	732008	40.969	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	98481	39.081	ng		89
66) n-Nitrosodiphenylamine	10.49	169	600260	41.939	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	204850	40.242	ng		97
68) Hexachlorobenzene	10.94	284	226826	38.535	ng		100
69) Atrazine	11.02	200	177661	37.731	ng		98
70) Pentachlorophenol	11.14	266	143421	50.187	ng		98
71) Phenanthrene	11.35	178	988516	40.664	ng		100
72) Anthracene	11.40	178	1014912	41.253	ng		100
73) Carbazole	11.56	167	919135	41.179	ng		99
74) Di-n-butylphthalate	11.87	149	1123226	43.138	ng		99
75) Fluoranthene	12.54	202	1052907	41.372	ng		99
77) Benzidine	12.66	184	234319	19.530	ng		97
78) Pyrene	12.77	202	1068703	39.921	ng		100
80) Butylbenzylphthalate	13.37	149	482424	42.601	ng		98
81) Benzo(a)anthracene	13.96	228	898129	39.567	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	277136	35.142	ng		99
83) Chrysene	13.99	228	885108	40.164	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	674651	45.846	ng	#	98
85) Di-n-octyl phthalate	14.53	149	1082629	46.318	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	740105	39.986	ng		99
88) Benzo(b)fluoranthene	15.00	252	827218	49.944	ng		99
89) Benzo(k)fluoranthene	15.03	252	780981	48.411	ng		98
90) Benzo(a)pyrene	15.36	252	755499	51.027	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	638508	49.821	ng		99
92) Benzo(g,h,i)perylene	17.32	276	621760	49.398	ng		99

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

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