Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115585.D
Acq On : 16 Jul 2019 9:33
Operator : HP/JU
Sample : PB121365BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:27 PM

Quant Time: Jul 16 15:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	173691	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	720814	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	379975	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	692614	20.00	ng		0.00
76) Chrysene-d12	14.04	240	463473	20.00	ng		0.00
87) Perylene-d12	15.51	264	343164	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1146424	107.96	ng		0.02
7) Phenol-d6	6.52	99	1462137	108.52	ng		0.00
23) Nitrobenzene-d5	7.45	82	926190	74.71	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	475297	107.16	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1729087	79.65	ng		0.00
79) Terphenyl-d14	12.99	244	1909293	76.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	194613	36.742	ng		99
3) Pyridine	3.53	79	490288	34.117	ng		100
4) n-Nitrosodimethylamine	3.48	42	217763	41.770	ng		98
6) Aniline	6.55	93	450535	24.027	ng		99
8) 2-Chlorophenol	6.67	128	465159	38.101	ng		95
9) Benzaldehyde	6.43	77	73172	8.690	ng		99
10) Phenol	6.53	94	569735	36.425	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	433243	36.381	ng		98
12) 1,3-Dichlorobenzene	6.83	146	480389	34.998	ng		98
13) 1,4-Dichlorobenzene	6.90	146	488584	35.675	ng		97
14) 1,2-Dichlorobenzene	7.06	146	455435	36.378	ng		96
15) Benzyl Alcohol	7.02	79	403812	37.780	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	568467	36.259	ng		98
17) 2-Methylphenol	7.13	107	397622	37.793	ng		99
18) Hexachloroethane	7.40	117	177118	34.843	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	320842	36.511	ng		99
20) 3+4-Methylphenols	7.29	107	471484	37.727	ng		96
22) Acetophenone	7.29	105	632750	38.857	ng	#	94
24) Nitrobenzene	7.46	77	503370	37.647	ng		97
25) Isophorone	7.70	82	927565	37.393	ng		99
26) 2-Nitrophenol	7.78	139	266176	38.676	ng		95
27) 2,4-Dimethylphenol	7.82	122	441753	42.900	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	589110	38.712	ng		99
29) 2,4-Dichlorophenol	8.02	162	410892	38.368	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	449568	37.138	ng		97
31) Naphthalene	8.19	128	1358055	38.902	ng		97
32) Benzoic acid	7.95	122	343307	40.625	ng		98
33) 4-Chloroaniline	8.23	127	312001	20.177	ng		98
34) Hexachlorobutadiene	8.31	225	253640	36.538	ng		100
35) Caprolactam	8.60	113	128540m	38.842	ng		
36) 4-Chloro-3-methylphenol	8.72	107	434265	39.092	ng		100
37) 2-Methylnaphthalene	8.88	142	916957	39.626	ng		98
38) 1-Methylnaphthalene	8.98	142	862487	39.240	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	424393	37.089	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	349845	53.598	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	299924	35.843	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	314666	36.720	ng	99
46) 1,1'-Biphenyl	9.35	154	1122610	37.791	ng	99
47) 2-Chloronaphthalene	9.37	162	885596	35.804	ng	98
48) 2-Nitroaniline	9.46	65	263394	34.405	ng	97
49) Acenaphthylene	9.79	152	1372068	37.436	ng	97
50) Dimethylphthalate	9.65	163	1030831	36.058	ng	99
51) 2,6-Dinitrotoluene	9.70	165	238892	36.770	ng	91
52) Acenaphthene	9.96	154	1000253	42.272	ng	99
53) 3-Nitroaniline	9.87	138	185597	24.999	ng	97
54) 2,4-Dinitrophenol	9.98	184	269528	80.803	ng	93
55) Dibenzofuran	10.13	168	1277454	38.015	ng	99
56) 4-Nitrophenol	10.03	139	394387	69.662	ng	99
57) 2,4-Dinitrotoluene	10.10	165	333434	39.614	ng	99
58) Fluorene	10.47	166	933408	38.855	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	289541	40.418	ng	99
60) Diethylphthalate	10.35	149	1060496	39.592	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	481727	36.161	ng	98
62) 4-Nitroaniline	10.49	138	249879	35.088	ng	100
63) Azobenzene	10.62	77	1006580	38.742	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	171560	40.542	ng	98
66) n-Nitrosodiphenylamine	10.58	169	868728	40.322	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	302724	38.247	ng	99
68) Hexachlorobenzene	11.02	284	353517	39.111	ng	95
69) Atrazine	11.10	200	258210	36.533	ng	99
70) Pentachlorophenol	11.22	266	403673	73.018	ng	99
71) Phenanthrene	11.43	178	1365306	38.456	ng	98
72) Anthracene	11.49	178	1386666	37.793	ng	100
73) Carbazole	11.63	167	1242404	38.614	ng	99
74) Di-n-butylphthalate	11.96	149	1505176	37.979	ng	99
75) Fluoranthene	12.62	202	1415991	37.743	ng	100
77) Benzidine	12.73	184	304676	18.557	ng	99
78) Pyrene	12.85	202	1415446	36.047	ng	98
80) Butylbenzylphthalate	13.46	149	662540	39.580	ng	98
81) Benzo(a)anthracene	14.03	228	1135442	37.187	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	348026	32.063	ng	99
83) Chrysene	14.07	228	1192192	38.895	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	839234	40.475	ng	98
85) Di-n-octyl phthalate	14.63	149	1367210	41.442	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	933937	35.864	ng	99
88) Benzo(b)fluoranthene	15.08	252	1058255	47.891	ng	100
89) Benzo(k)fluoranthene	15.12	252	966347	49.051	ng	97
90) Benzo(a)pyrene	15.45	252	931874	49.066	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	792159	47.511	ng	99
92) Benzo(g,h,i)perylene	17.43	276	725750	43.645	ng	98

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

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