Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115787.D
Acq On : 26 Jul 2019 14:36
Operator : HP/JU
Sample : PB121741BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:53 PM

Quant Time: Jul 26 18:21:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165847	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	664467	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	339820	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	627893	20.00	ng		0.00
76) Chrysene-d12	14.03	240	411260	20.00	ng		0.00
87) Perylene-d12	15.50	264	306435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	809672	79.86	ng		0.01
7) Phenol-d6	6.50	99	1036787	80.59	ng		0.00
23) Nitrobenzene-d5	7.43	82	972663	85.12	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	308718	77.83	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1781842	91.78	ng		0.00
79) Terphenyl-d14	12.97	244	1766178	79.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	182077	36.001	ng		100
3) Pyridine	3.51	79	455029	33.161	ng		99
4) n-Nitrosodimethylamine	3.46	42	206255	41.434	ng		97
6) Aniline	6.53	93	446192	24.921	ng		99
8) 2-Chlorophenol	6.66	128	467721	40.123	ng		99
9) Benzaldehyde	6.42	77	149700	18.620	ng		97
10) Phenol	6.52	94	594504	39.806	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	441017	38.785	ng		98
12) 1,3-Dichlorobenzene	6.81	146	486723	37.136	ng		98
13) 1,4-Dichlorobenzene	6.89	146	503530	38.505	ng		98
14) 1,2-Dichlorobenzene	7.05	146	456626	38.198	ng		99
15) Benzyl Alcohol	7.02	79	383321	37.559	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	604814	40.402	ng		98
17) 2-Methylphenol	7.13	107	408472	40.660	ng		98
18) Hexachloroethane	7.39	117	185278	38.172	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	329130	39.226	ng		99
20) 3+4-Methylphenols	7.27	107	465611	39.019	ng		96
22) Acetophenone	7.28	105	639088	42.574	ng	#	99
24) Nitrobenzene	7.45	77	515262	41.805	ng		97
25) Isophorone	7.69	82	955875	41.803	ng		99
26) 2-Nitrophenol	7.77	139	263728	41.570	ng		98
27) 2,4-Dimethylphenol	7.80	122	446815	47.071	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	588222	41.932	ng		99
29) 2,4-Dichlorophenol	8.01	162	420709	42.616	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	449746	40.303	ng		98
31) Naphthalene	8.17	128	1370675	42.594	ng		100
32) Benzoic acid	7.95	122	294538	37.809	ng		98
33) 4-Chloroaniline	8.22	127	359492	25.220	ng		98
34) Hexachlorobutadiene	8.29	225	252994	39.535	ng		98
35) Caprolactam	8.60	113	123880m	40.609	ng		
36) 4-Chloro-3-methylphenol	8.71	107	436383	42.614	ng		97
37) 2-Methylnaphthalene	8.87	142	940640	44.097	ng		100
38) 1-Methylnaphthalene	8.96	142	874691	43.170	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	423912	41.425	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	330056	56.542	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	288776	38.589	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	301607	39.355	ng		98
46) 1,1'-Biphenyl	9.33	154	1131697	42.598	ng		99
47) 2-Chloronaphthalene	9.36	162	890397	40.251	ng		100
48) 2-Nitroaniline	9.45	65	274763	40.131	ng		99
49) Acenaphthylene	9.77	152	1356973	41.399	ng		99
50) Dimethylphthalate	9.63	163	1058113	41.386	ng		99
51) 2,6-Dinitrotoluene	9.69	165	233649	40.213	ng		97
52) Acenaphthene	9.95	154	820423	38.769	ng		99
53) 3-Nitroaniline	9.86	138	174000	26.206	ng		96
54) 2,4-Dinitrophenol	9.97	184	219189	73.477	ng		93
55) Dibenzofuran	10.12	168	1217494	40.512	ng		100
56) 4-Nitrophenol	10.03	139	318830	62.971	ng		98
57) 2,4-Dinitrotoluene	10.10	165	304880	40.502	ng		97
58) Fluorene	10.46	166	904772	42.114	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	261173	40.767	ng		99
60) Diethylphthalate	10.33	149	1000398	41.761	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	463786	38.928	ng		98
62) 4-Nitroaniline	10.47	138	230784	36.236	ng		99
63) Azobenzene	10.61	77	1011547	43.534	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	151668	39.536	ng		99
66) n-Nitrosodiphenylamine	10.57	169	820494	42.009	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	289696	40.374	ng		99
68) Hexachlorobenzene	11.01	284	320515	39.115	ng	#	89
69) Atrazine	11.09	200	263119	41.065	ng		100
70) Pentachlorophenol	11.20	266	342244	68.288	ng		100
71) Phenanthrene	11.42	178	1307497	40.624	ng		100
72) Anthracene	11.47	178	1354486	40.721	ng		100
73) Carbazole	11.62	167	1197267	41.047	ng		99
74) Di-n-butylphthalate	11.95	149	1506431	41.928	ng		100
75) Fluoranthene	12.61	202	1351219	39.729	ng		100
77) Benzidine	12.72	184	341960	23.472	ng		99
78) Pyrene	12.84	202	1353331	38.840	ng		99
80) Butylbenzylphthalate	13.44	149	617806	41.593	ng		99
81) Benzo(a)anthracene	14.02	228	1096051	40.454	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	316304	32.840	ng		99
83) Chrysene	14.06	228	1068738	39.294	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	851828	46.298	ng		99
85) Di-n-octyl phthalate	14.62	149	1381578	47.194	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	861055	37.263	ng		99
88) Benzo(b)fluoranthene	15.07	252	957702	48.536	ng		99
89) Benzo(k)fluoranthene	15.10	252	947106	53.837	ng		99
90) Benzo(a)pyrene	15.44	252	877792	51.759	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	744697	50.018	ng		99
92) Benzo(g,h,i)perylene	17.42	276	690570	46.507	ng		99

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

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