Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115705.D
Acq On : 22 Jul 2019 13:19
Operator : HP/JU
Sample : PB121540BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121540BS

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:23 PM

Quant Time: Jul 23 01:51:06 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	179506	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	742474	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	379677	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	726381	20.00	ng		0.00
76) Chrysene-d12	14.04	240	517044	20.00	ng		0.00
87) Perylene-d12	15.52	264	378642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1226596	111.77	ng		0.01
7) Phenol-d6	6.52	99	1586934	113.96	ng		0.00
23) Nitrobenzene-d5	7.44	82	1002727	78.53	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	481818	108.72	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1808321	83.36	ng		-0.01
79) Terphenyl-d14	12.99	244	2017358	71.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	202093	36.918	ng		97
3) Pyridine	3.50	79	455429	30.665	ng		96
4) n-Nitrosodimethylamine	3.45	42	209514	38.886	ng		90
6) Aniline	6.54	93	484200	24.986	ng		98
8) 2-Chlorophenol	6.67	128	496449	39.347	ng		99
9) Benzaldehyde	6.43	77	205657	23.634	ng		99
10) Phenol	6.53	94	622378	38.502	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	478711	38.897	ng		98
12) 1,3-Dichlorobenzene	6.82	146	514533	36.271	ng		98
13) 1,4-Dichlorobenzene	6.90	146	521394	36.837	ng		97
14) 1,2-Dichlorobenzene	7.05	146	489705	37.848	ng		97
15) Benzyl Alcohol	7.02	79	408641	36.993	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	639825	39.488	ng		99
17) 2-Methylphenol	7.13	107	447032	41.112	ng		98
18) Hexachloroethane	7.39	117	191392	36.431	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	342965	37.764	ng		96
20) 3+4-Methylphenols	7.29	107	502184	38.882	ng	#	89
22) Acetophenone	7.29	105	678955	40.478	ng	#	99
24) Nitrobenzene	7.46	77	549880	39.926	ng		99
25) Isophorone	7.70	82	1004891	39.329	ng		98
26) 2-Nitrophenol	7.77	139	279914	39.486	ng		97
27) 2,4-Dimethylphenol	7.82	122	466228	43.956	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	614558	39.206	ng		100
29) 2,4-Dichlorophenol	8.02	162	439007	39.798	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	477651	38.307	ng		99
31) Naphthalene	8.19	128	1446053	40.215	ng		97
32) Benzoic acid	7.95	122	318495	36.589	ng		98
33) 4-Chloroaniline	8.23	127	389237	24.438	ng		98
34) Hexachlorobutadiene	8.30	225	267222	37.371	ng		98
35) Caprolactam	8.60	113	137680m	40.391	ng		
36) 4-Chloro-3-methylphenol	8.72	107	464188	40.567	ng		99
37) 2-Methylnaphthalene	8.87	142	979895	41.111	ng		97
38) 1-Methylnaphthalene	8.97	142	916445	40.479	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	448711	39.246	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	302131	46.324	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	302097	36.131	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	333462	38.943	ng		98
46) 1,1'-Biphenyl	9.34	154	1188942	40.055	ng		98
47) 2-Chloronaphthalene	9.37	162	945130	38.240	ng		95
48) 2-Nitroaniline	9.46	65	289314	37.820	ng		99
49) Acenaphthylene	9.78	152	1412285	38.564	ng		98
50) Dimethylphthalate	9.64	163	1094115	38.302	ng		99
51) 2,6-Dinitrotoluene	9.70	165	251478	38.738	ng		96
52) Acenaphthene	9.96	154	859465	36.350	ng		98
53) 3-Nitroaniline	9.87	138	203067	27.373	ng		98
54) 2,4-Dinitrophenol	9.98	184	242415	72.732	ng		99
55) Dibenzofuran	10.13	168	1287011	38.330	ng		99
56) 4-Nitrophenol	10.03	139	404310	71.471	ng		96
57) 2,4-Dinitrotoluene	10.10	165	338137	40.205	ng		97
58) Fluorene	10.47	166	970025	40.411	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	283524	39.610	ng		99
60) Diethylphthalate	10.34	149	1057115	39.496	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	495902	37.254	ng		98
62) 4-Nitroaniline	10.49	138	259594	36.481	ng		99
63) Azobenzene	10.62	77	1073395	41.347	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	161919	36.485	ng		92
66) n-Nitrosodiphenylamine	10.57	169	887280	39.269	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	313996	37.827	ng		97
68) Hexachlorobenzene	11.02	284	348168	36.728	ng	#	91
69) Atrazine	11.10	200	244858	33.033	ng		98
70) Pentachlorophenol	11.22	266	396517	68.390	ng		99
71) Phenanthrene	11.43	178	1454460	39.063	ng		98
72) Anthracene	11.48	178	1488717	38.689	ng		99
73) Carbazole	11.63	167	1320100	39.121	ng		100
74) Di-n-butylphthalate	11.96	149	1657744	39.884	ng		99
75) Fluoranthene	12.62	202	1545828	39.288	ng		99
77) Benzidine	12.73	184	301981	16.487	ng		99
78) Pyrene	12.85	202	1570267	35.846	ng		98
80) Butylbenzylphthalate	13.46	149	719025	38.504	ng		94
81) Benzo(a)anthracene	14.03	228	1305156	38.316	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	399037	32.953	ng		97
83) Chrysene	14.07	228	1303214	38.112	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	997252	43.113	ng		100
85) Di-n-octyl phthalate	14.63	149	1615975	43.907	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1113389	38.325	ng		99
88) Benzo(b)fluoranthene	15.09	252	1230828	50.482	ng		98
89) Benzo(k)fluoranthene	15.12	252	1130919	52.026	ng		98
90) Benzo(a)pyrene	15.46	252	1073544	51.229	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	940005	51.096	ng		100
92) Benzo(g,h,i)perylene	17.46	276	901782	49.150	ng		100

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

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