Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115786.D
Acq On : 26 Jul 2019 14:10
Operator : HP/JU
Sample : PB121741BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:51 PM

Quant Time: Jul 26 18:19:47 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	159226	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	645361	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	331087	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	623603	20.00	ng		0.00
76) Chrysene-d12	14.03	240	408466	20.00	ng		0.00
87) Perylene-d12	15.50	264	303659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	779607	80.09	ng		0.01
7) Phenol-d6	6.50	99	1002313	81.15	ng		0.00
23) Nitrobenzene-d5	7.43	82	945092	85.15	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	303245	78.47	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1762792	93.19	ng		0.00
79) Terphenyl-d14	12.97	244	1803709	81.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	175790	36.203	ng		100
3) Pyridine	3.50	79	432125	32.801	ng		99
4) n-Nitrosodimethylamine	3.45	42	198270	41.486	ng		99
6) Aniline	6.53	93	427821	24.889	ng		99
8) 2-Chlorophenol	6.66	128	454549	40.614	ng		99
9) Benzaldehyde	6.42	77	144890	18.771	ng		99
10) Phenol	6.52	94	574549	40.070	ng		93
11) bis(2-Chloroethyl)ether	6.60	93	432419	39.610	ng		98
12) 1,3-Dichlorobenzene	6.81	146	470867	37.420	ng		97
13) 1,4-Dichlorobenzene	6.89	146	478925	38.147	ng		99
14) 1,2-Dichlorobenzene	7.05	146	444760	38.753	ng		98
15) Benzyl Alcohol	7.02	79	371718	37.936	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	583652	40.609	ng		99
17) 2-Methylphenol	7.13	107	398809	41.349	ng		98
18) Hexachloroethane	7.39	117	177498	38.090	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	315985	39.225	ng		99
20) 3+4-Methylphenols	7.27	107	466918	40.756	ng		97
22) Acetophenone	7.28	105	618886	42.449	ng	#	98
24) Nitrobenzene	7.45	77	501535	41.896	ng		96
25) Isophorone	7.69	82	929913	41.871	ng		100
26) 2-Nitrophenol	7.77	139	254388	41.285	ng		98
27) 2,4-Dimethylphenol	7.80	122	435001	47.183	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	575188	42.216	ng		100
29) 2,4-Dichlorophenol	8.01	162	407772	42.529	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	430346	39.706	ng		100
31) Naphthalene	8.17	128	1334889	42.710	ng		100
32) Benzoic acid	7.94	122	283166	37.426	ng		99
33) 4-Chloroaniline	8.22	127	355388	25.670	ng		98
34) Hexachlorobutadiene	8.29	225	245320	39.471	ng		98
35) Caprolactam	8.59	113	120933m	40.816	ng		
36) 4-Chloro-3-methylphenol	8.71	107	429750	43.209	ng		98
37) 2-Methylnaphthalene	8.87	142	920372	44.424	ng		99
38) 1-Methylnaphthalene	8.96	142	858307	43.616	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	411803	41.303	ng		99

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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)
41) Hexachlorocyclopentadiene	9.02	237	312967	55.028	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	277391	38.045	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	294771	39.477	ng		98
46) 1,1'-Biphenyl	9.33	154	1115269	43.087	ng		99
47) 2-Chloronaphthalene	9.36	162	872349	40.476	ng		99
48) 2-Nitroaniline	9.45	65	270917	40.613	ng		99
49) Acenaphthylene	9.77	152	1329680	41.637	ng		99
50) Dimethylphthalate	9.63	163	1042710	41.859	ng		99
51) 2,6-Dinitrotoluene	9.69	165	230845	40.778	ng		97
52) Acenaphthene	9.95	154	812227	39.394	ng		97
53) 3-Nitroaniline	9.86	138	173545	26.827	ng		96
54) 2,4-Dinitrophenol	9.97	184	203392	69.980	ng		91
55) Dibenzofuran	10.12	168	1191615	40.697	ng		99
56) 4-Nitrophenol	10.03	139	318182	64.500	ng		99
57) 2,4-Dinitrotoluene	10.10	165	300325	40.949	ng		98
58) Fluorene	10.46	166	901221	43.055	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	252951	40.525	ng		99
60) Diethylphthalate	10.33	149	990663	42.446	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	463323	39.915	ng		99
62) 4-Nitroaniline	10.47	138	231640	37.330	ng		99
63) Azobenzene	10.61	77	999184	44.136	ng		100
65) 4,6-Dinitro-2-methylphenol	10.51	198	146707	38.506	ng		98
66) n-Nitrosodiphenylamine	10.57	169	813208	41.922	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	287000	40.273	ng		99
68) Hexachlorobenzene	11.01	284	319923	39.311	ng	#	90
69) Atrazine	11.09	200	259161	40.725	ng		100
70) Pentachlorophenol	11.20	266	336577	67.619	ng		99
71) Phenanthrene	11.42	178	1298416	40.620	ng		100
72) Anthracene	11.47	178	1350094	40.869	ng		100
73) Carbazole	11.62	167	1188906	41.040	ng		99
74) Di-n-butylphthalate	11.95	149	1504445	42.161	ng		100
75) Fluoranthene	12.61	202	1353449	40.068	ng		100
77) Benzidine	12.72	184	343340	23.728	ng		98
78) Pyrene	12.84	202	1356721	39.204	ng		100
80) Butylbenzylphthalate	13.44	149	624697	42.345	ng		99
81) Benzo(a)anthracene	14.02	228	1099723	40.867	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	315614	32.992	ng		98
83) Chrysene	14.06	228	1068858	39.567	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	859799	47.051	ng		99
85) Di-n-octyl phthalate	14.62	149	1372439	47.203	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	850927	37.077	ng		100
88) Benzo(b)fluoranthene	15.07	252	951171	48.645	ng		99
89) Benzo(k)fluoranthene	15.10	252	934790	53.623	ng		99
90) Benzo(a)pyrene	15.44	252	856887	50.988	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	727064	49.280	ng		98
92) Benzo(g,h,i)perylene	17.43	276	694001	47.165	ng		98

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

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