Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117051.D
Acq On : 16 Sep 2019 9:55
Operator : HP/JU
Sample : PB123079BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123079BS

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:16 PM

Quant Time: Sep 16 11:51:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75351	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	323219	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	164797	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	271924	20.00	ng		0.00
76) Chrysene-d12	13.97	240	182281	20.00	ng		0.00
87) Perylene-d12	15.41	264	143714	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	550910	114.15	ng		0.02
7) Phenol-d6	6.47	99	714291	114.52	ng		0.01
23) Nitrobenzene-d5	7.39	82	431877	70.21	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	161002	116.89	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	765716	72.65	ng		0.00
79) Terphenyl-d14	12.92	244	719559	73.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	82841	41.019	ng		98
3) Pyridine	3.40	79	191117	34.574	ng		96
4) n-Nitrosodimethylamine	3.35	42	83166	43.841	ng		96
6) Aniline	6.49	93	278249	34.648	ng		93
8) 2-Chlorophenol	6.62	128	241201	46.326	ng		97
9) Benzaldehyde	6.37	77	138103	45.645	ng		100
10) Phenol	6.48	94	308320	44.839	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	228703	45.254	ng		98
12) 1,3-Dichlorobenzene	6.77	146	246753	42.234	ng		98
13) 1,4-Dichlorobenzene	6.84	146	256048	42.943	ng		98
14) 1,2-Dichlorobenzene	7.00	146	238648	42.990	ng		97
15) Benzyl Alcohol	6.97	79	220199	46.037	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	213998	42.860	ng		97
17) 2-Methylphenol	7.08	107	200172	45.872	ng		95
18) Hexachloroethane	7.33	117	100301	43.728	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	174486	45.940	ng		97
20) 3+4-Methylphenols	7.23	107	251439	46.260	ng	#	89
22) Acetophenone	7.23	105	350676	42.703	ng		97
24) Nitrobenzene	7.40	77	265421	43.691	ng		99
25) Isophorone	7.65	82	482766	44.323	ng		100
26) 2-Nitrophenol	7.72	139	122637	46.998	ng		96
27) 2,4-Dimethylphenol	7.76	122	206051	49.795	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	287873	42.898	ng		99
29) 2,4-Dichlorophenol	7.96	162	196670	45.359	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	194321	41.483	ng		98
31) Naphthalene	8.13	128	679623	43.720	ng		99
32) Benzoic acid	7.90	122	109627	36.860	ng		98
33) 4-Chloroaniline	8.17	127	173397	25.150	ng		97
34) Hexachlorobutadiene	8.25	225	112719	42.413	ng		98
35) Caprolactam	8.54	113	63140m	43.023	ng		
36) 4-Chloro-3-methylphenol	8.66	107	227822	45.063	ng		98
37) 2-Methylnaphthalene	8.82	142	463901	44.317	ng		99
38) 1-Methylnaphthalene	8.92	142	425122	43.362	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	181075	42.551	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	167936	88.368	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	125139	43.332	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	138737	44.965	ng	96
46) 1,1'-Biphenyl	9.27	154	562488	43.514	ng	99
47) 2-Chloronaphthalene	9.30	162	432447	42.389	ng	99
48) 2-Nitroaniline	9.40	65	137362	41.978	ng	96
49) Acenaphthylene	9.72	152	679235	44.444	ng	99
50) Dimethylphthalate	9.57	163	500116	42.861	ng	100
51) 2,6-Dinitrotoluene	9.64	165	111741	47.019	ng	93
52) Acenaphthene	9.89	154	388398	42.872	ng	98
53) 3-Nitroaniline	9.81	138	91187	30.412	ng	96
54) 2,4-Dinitrophenol	9.92	184	84062	81.700	ng	97
55) Dibenzofuran	10.06	168	600441	44.921	ng	100
56) 4-Nitrophenol	9.98	139	164546	84.673	ng	97
57) 2,4-Dinitrotoluene	10.05	165	146697	47.555	ng	94
58) Fluorene	10.40	166	480584	44.634	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	106485m	45.099	ng	
60) Diethylphthalate	10.27	149	505274	44.015	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	206604	44.349	ng	99
62) 4-Nitroaniline	10.42	138	129424	41.506	ng	97
63) Azobenzene	10.55	77	519279	44.290	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	58356	47.229	ng	88
66) n-Nitrosodiphenylamine	10.51	169	418081	44.519	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	121647	43.805	ng	97
68) Hexachlorobenzene	10.96	284	129104	42.505	ng	94
69) Atrazine	11.03	200	119937	54.247	ng	98
70) Pentachlorophenol	11.15	266	131885	92.632	ng	95
71) Phenanthrene	11.36	178	670518	43.413	ng	100
72) Anthracene	11.42	178	688760	43.680	ng	97
73) Carbazole	11.57	167	650137	43.437	ng	99
74) Di-n-butylphthalate	11.89	149	787532	44.224	ng	99
75) Fluoranthene	12.55	202	677348	42.681	ng	99
77) Benzidine	12.66	184	250099	42.594	ng	99
78) Pyrene	12.77	202	688763	45.033	ng	100
80) Butylbenzylphthalate	13.39	149	316895	43.849	ng	92
81) Benzo(a)anthracene	13.96	228	512241	42.061	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	135134	34.434	ng	97
83) Chrysene	14.00	228	507485	42.725	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	417504	44.805	ng	98
85) Di-n-octyl phthalate	14.55	149	650520	44.355	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	375547	43.337	ng	98
88) Benzo(b)fluoranthene	15.00	252	410738	47.183	ng	99
89) Benzo(k)fluoranthene	15.03	252	401969	48.745	ng	98
90) Benzo(a)pyrene	15.35	252	376364	49.269	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	309084	50.790	ng	98
92) Benzo(g,h,i)perylene	17.28	276	309578	51.051	ng	98

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

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