Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118400.D
Acq On : 31 Dec 2019 12:42
Operator : JU
Sample : PB125809BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Manual Integrations APPROVED
mohammad
1/2/2020 11:49:39 AM

Quant Time: Dec 31 17:51:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136956	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	577500	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	310175	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	590505	20.00	ng		0.00
76) Chrysene-d12	14.06	240	370753	20.00	ng		0.00
87) Perylene-d12	15.55	264	228800	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	872473	108.74	ng		0.02
7) Phenol-d6	6.50	99	1065785	107.08	ng		0.01
23) Nitrobenzene-d5	7.42	82	697643	69.09	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	383257	100.06	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1453603	71.54	ng		0.00
79) Terphenyl-d14	12.99	244	1678741	75.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	113159	35.479	ng		98
3) Pyridine	3.45	79	265349	31.226	ng		99
4) n-Nitrosodimethylamine	3.40	42	130491	37.141	ng		98
6) Aniline	6.52	93	319757	25.300	ng	#	67
8) 2-Chlorophenol	6.65	128	372466	40.989	ng		98
9) Benzaldehyde	6.40	77	71384	12.233	ng		97
10) Phenol	6.51	94	434624	38.851	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	321911	40.237	ng		99
12) 1,3-Dichlorobenzene	6.79	146	398772	38.104	ng		99
13) 1,4-Dichlorobenzene	6.87	146	404996	38.100	ng		98
14) 1,2-Dichlorobenzene	7.03	146	383936	38.257	ng		98
15) Benzyl Alcohol	7.00	79	300787	39.691	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	327537	38.366	ng		78
17) 2-Methylphenol	7.12	107	298534	40.961	ng		96
18) Hexachloroethane	7.36	117	145012	37.170	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	236210	38.524	ng		97
20) 3+4-Methylphenols	7.27	107	378873	40.617	ng		98
22) Acetophenone	7.27	105	501422	35.426	ng		96
24) Nitrobenzene	7.44	77	367666	36.350	ng		100
25) Isophorone	7.68	82	662925	37.673	ng		98
26) 2-Nitrophenol	7.76	139	208938	39.000	ng		97
27) 2,4-Dimethylphenol	7.80	122	321305	43.957	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	410754	35.692	ng		99
29) 2,4-Dichlorophenol	8.00	162	316312	37.597	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	347940	35.502	ng		98
31) Naphthalene	8.16	128	1096808	37.367	ng		99
32) Benzoic acid	7.95	122	192869	33.228	ng		95
33) 4-Chloroaniline	8.22	127	265687	21.114	ng		97
34) Hexachlorobutadiene	8.27	225	201527	34.544	ng		99
35) Caprolactam	8.60	113	104278m	39.701	ng		
36) 4-Chloro-3-methylphenol	8.71	107	333454	36.916	ng		99
37) 2-Methylnaphthalene	8.86	142	762995	37.967	ng		99
38) 1-Methylnaphthalene	8.96	142	716831	37.860	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	329277	35.332	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	154278	43.910 ng	96
43) 2,4,6-Trichlorophenol	9.15	196	221398	35.560 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	232568	36.312 ng	98
46) 1,1'-Biphenyl	9.32	154	894357	36.455 ng	98
47) 2-Chloronaphthalene	9.35	162	694862	35.192 ng	98
48) 2-Nitroaniline	9.45	65	192021	34.430 ng	99
49) Acenaphthylene	9.77	152	1098563	37.514 ng	100
50) Dimethylphthalate	9.62	163	835035	35.865 ng	99
51) 2,6-Dinitrotoluene	9.69	165	184689	36.793 ng	98
52) Acenaphthene	9.94	154	649354	36.405 ng	99
53) 3-Nitroaniline	9.87	138	143300	24.323 ng	94
54) 2,4-Dinitrophenol	9.99	184	159571	64.147 ng	93
55) Dibenzofuran	10.12	168	975073	36.996 ng	99
56) 4-Nitrophenol	10.05	139	226352	62.235 ng	95
57) 2,4-Dinitrotoluene	10.10	165	247083	36.838 ng	88
58) Fluorene	10.46	166	775001	36.426 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	196211	36.055 ng	99
60) Diethylphthalate	10.33	149	838625	36.408 ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	383788	36.135 ng	98
62) 4-Nitroaniline	10.49	138	184602	30.162 ng	99
63) Azobenzene	10.61	77	724638	36.728 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	124721	39.152 ng	98
66) n-Nitrosodiphenylamine	10.57	169	685592	36.226 ng	98
67) 4-Bromophenyl-phenylether	10.94	248	238248	34.476 ng	94
68) Hexachlorobenzene	11.01	284	278595	34.249 ng	99
69) Atrazine	11.10	200	224321	38.404 ng	98
70) Pentachlorophenol	11.21	266	225023	63.875 ng	99
71) Phenanthrene	11.43	178	1145318	35.578 ng	99
72) Anthracene	11.48	178	1162823	36.088 ng	99
73) Carbazole	11.63	167	995352	34.813 ng	98
74) Di-n-butylphthalate	11.96	149	1332453	36.754 ng	100
75) Fluoranthene	12.62	202	1148298	35.345 ng	98
77) Benzidine	12.74	184	196639	19.356 ng	98
78) Pyrene	12.85	202	1147789	37.911 ng	100
80) Butylbenzylphthalate	13.46	149	530691	38.930 ng	96
81) Benzo(a)anthracene	14.04	228	925320	35.656 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	248319	28.221 ng	98
83) Chrysene	14.09	228	879161	35.380 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	736763	41.102 ng	99
85) Di-n-octyl phthalate	14.63	149	1088538	41.284 ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	669349	31.613 ng	100
88) Benzo(b)fluoranthene	15.11	252	765578	50.408 ng	98
89) Benzo(k)fluoranthene	15.14	252	677650	46.469 ng	99
90) Benzo(a)pyrene	15.49	252	621681	46.466 ng	99
91) Dibenzo(a,h)anthracene	17.08	278	576264	49.634 ng	98
92) Benzo(g,h,i)perylene	17.53	276	559034	49.845 ng	98

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

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