Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116100.D
Acq On : 9 Aug 2019 9:16
Operator : HP/JU
Sample : PB122079BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:44 AM

Quant Time: Aug 10 02:24:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	131105	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	536718	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	285695	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	491910	20.00	ng		0.00
76) Chrysene-d12	14.00	240	321059	20.00	ng		0.00
87) Perylene-d12	15.47	264	248870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	879575	112.31	ng		0.00
7) Phenol-d6	6.49	99	1098706	111.20	ng		0.00
23) Nitrobenzene-d5	7.40	82	719883	77.42	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	309770	111.83	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1252174	82.10	ng		-0.01
79) Terphenyl-d14	12.94	244	1351867	88.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	157111	39.710	ng		99
3) Pyridine	3.45	79	366047	33.120	ng		99
4) n-Nitrosodimethylamine	3.39	42	158298	36.294	ng		97
6) Aniline	6.50	93	424508	29.999	ng	#	89
8) 2-Chlorophenol	6.63	128	370959	42.835	ng		99
9) Benzaldehyde	6.39	77	148453	21.775	ng		99
10) Phenol	6.50	94	469753	40.372	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	356359	41.656	ng		99
12) 1,3-Dichlorobenzene	6.78	146	392654	39.232	ng		98
13) 1,4-Dichlorobenzene	6.86	146	405782	40.493	ng		98
14) 1,2-Dichlorobenzene	7.01	146	373740	40.503	ng		98
15) Benzyl Alcohol	6.99	79	312365	41.657	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	469813	40.263	ng		87
17) 2-Methylphenol	7.10	107	309485	42.205	ng		99
18) Hexachloroethane	7.35	117	147114	39.873	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	254907	41.631	ng		97
20) 3+4-Methylphenols	7.25	107	379546	43.738	ng		96
22) Acetophenone	7.25	105	504312	42.844	ng	#	99
24) Nitrobenzene	7.42	77	411191	40.956	ng		100
25) Isophorone	7.66	82	751989	42.295	ng		99
26) 2-Nitrophenol	7.74	139	207785	43.905	ng		96
27) 2,4-Dimethylphenol	7.77	122	336192	47.217	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	461441	41.873	ng		99
29) 2,4-Dichlorophenol	7.99	162	323677	43.054	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	349630	40.798	ng		98
31) Naphthalene	8.14	128	1066895	42.242	ng		100
32) Benzoic acid	7.93	122	201907	40.221	ng		95
33) 4-Chloroaniline	8.19	127	304118	26.949	ng		98
34) Hexachlorobutadiene	8.26	225	193452	39.191	ng		99
35) Caprolactam	8.57	113	98041m	40.322	ng		
36) 4-Chloro-3-methylphenol	8.68	107	336272	42.996	ng		99
37) 2-Methylnaphthalene	8.83	142	715828	43.035	ng		99
38) 1-Methylnaphthalene	8.93	142	667236	42.401	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	329652	43.161	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	156900	48.294	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	211142	40.163	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	228063	41.967	ng	99
46) 1,1'-Biphenyl	9.29	154	857429	42.510	ng	100
47) 2-Chloronaphthalene	9.32	162	684423	40.770	ng	99
48) 2-Nitroaniline	9.42	65	215711	38.875	ng	96
49) Acenaphthylene	9.74	152	1027665	41.961	ng	98
50) Dimethylphthalate	9.60	163	811625	41.723	ng	99
51) 2,6-Dinitrotoluene	9.66	165	179937	42.565	ng	99
52) Acenaphthene	9.91	154	619066	41.202	ng	99
53) 3-Nitroaniline	9.83	138	148704	28.468	ng	99
54) 2,4-Dinitrophenol	9.95	184	151871	71.549	ng	98
55) Dibenzofuran	10.08	168	907117	41.515	ng	99
56) 4-Nitrophenol	10.01	139	237180	70.881	ng	94
57) 2,4-Dinitrotoluene	10.07	165	229113	40.706	ng	97
58) Fluorene	10.42	166	716433	42.617	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	196407	42.959	ng	99
60) Diethylphthalate	10.29	149	774352	42.637	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	362249	42.548	ng	98
62) 4-Nitroaniline	10.45	138	193929	35.925	ng	99
63) Azobenzene	10.57	77	794291	42.520	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	116051	44.519	ng	93
66) n-Nitrosodiphenylamine	10.53	169	635875	42.947	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	222766	42.304	ng	96
68) Hexachlorobenzene	10.98	284	250441	41.129	ng	94
69) Atrazine	11.06	200	199015	40.858	ng	98
70) Pentachlorophenol	11.17	266	221077	74.782	ng	98
71) Phenanthrene	11.39	178	1045467	41.573	ng	100
72) Anthracene	11.44	178	1095672	43.051	ng	99
73) Carbazole	11.59	167	972109	42.101	ng	99
74) Di-n-butylphthalate	11.92	149	1203920	44.697	ng	99
75) Fluoranthene	12.57	202	1083941	41.172	ng	97
77) Benzidine	12.69	184	345830	31.883	ng	98
78) Pyrene	12.80	202	1105600	45.682	ng	99
80) Butylbenzylphthalate	13.41	149	482452	47.126	ng	95
81) Benzo(a)anthracene	13.99	228	870060	42.399	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	275928	38.703	ng	98
83) Chrysene	14.03	228	847309	42.530	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	646444	48.592	ng	99
85) Di-n-octyl phthalate	14.58	149	971495	45.975	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	694269	41.491	ng	100
88) Benzo(b)fluoranthene	15.04	252	733432	50.968	ng	99
89) Benzo(k)fluoranthene	15.07	252	676680	48.279	ng	99
90) Benzo(a)pyrene	15.41	252	666287	51.797	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	577653	51.878	ng	98
92) Benzo(g,h,i)perylene	17.39	276	582458	53.264	ng	97

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

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