Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115896.D
Acq On : 1 Aug 2019 10:03
Operator : HP/JU
Sample : PB121854BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Manual Integrations APPROVED
mohammad
8/5/2019 1:47:46 PM

Quant Time: Aug 01 13:52:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146853	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	600475	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	322551	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	550458	20.00	ng		0.00
76) Chrysene-d12	14.03	240	377514	20.00	ng		0.00
87) Perylene-d12	15.50	264	332976	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1003752	114.42	ng		0.02
7) Phenol-d6	6.50	99	1290826	116.63	ng		0.01
23) Nitrobenzene-d5	7.42	82	844421	81.17	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	356677	114.06	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1489716	86.51	ng		0.00
79) Terphenyl-d14	12.97	244	1538836	85.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	185891	41.946	ng		99
3) Pyridine	3.47	79	478152	38.624	ng		99
4) n-Nitrosodimethylamine	3.43	42	210108	43.007	ng		96
6) Aniline	6.52	93	506662	31.965	ng	#	89
8) 2-Chlorophenol	6.65	128	442436	45.610	ng		100
9) Benzaldehyde	6.40	77	257220	33.683	ng		99
10) Phenol	6.51	94	560754	43.024	ng		82
11) bis(2-Chloroethyl)ether	6.59	93	424236	44.273	ng		97
12) 1,3-Dichlorobenzene	6.80	146	475575	42.422	ng		99
13) 1,4-Dichlorobenzene	6.87	146	481941	42.935	ng		98
14) 1,2-Dichlorobenzene	7.03	146	444625	43.018	ng		100
15) Benzyl Alcohol	7.00	79	387732	46.163	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	559240	42.787	ng		95
17) 2-Methylphenol	7.11	107	377904	46.009	ng		99
18) Hexachloroethane	7.37	117	177209	42.879	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	302953	44.172	ng		98
20) 3+4-Methylphenols	7.26	107	443971	45.676	ng	#	88
22) Acetophenone	7.26	105	597115	45.342	ng		97
24) Nitrobenzene	7.43	77	493558	43.940	ng		100
25) Isophorone	7.67	82	885546	44.519	ng		100
26) 2-Nitrophenol	7.75	139	245563	46.378	ng		100
27) 2,4-Dimethylphenol	7.79	122	400609	50.290	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	544423	44.158	ng		99
29) 2,4-Dichlorophenol	8.00	162	388653	46.208	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	411868	42.958	ng		99
31) Naphthalene	8.16	128	1281333	45.346	ng		99
32) Benzoic acid	7.93	122	237010	42.201	ng		99
33) 4-Chloroaniline	8.20	127	336437	26.647	ng		100
34) Hexachlorobutadiene	8.27	225	232075	42.024	ng		99
35) Caprolactam	8.59	113	118582m	43.591	ng		
36) 4-Chloro-3-methylphenol	8.70	107	406371	46.442	ng		96
37) 2-Methylnaphthalene	8.86	142	862640	46.354	ng		98
38) 1-Methylnaphthalene	8.95	142	807794	45.883	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	383160	44.434	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	260235	68.170	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	257600	43.401	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	275524	44.907	ng		97
46) 1,1'-Biphenyl	9.32	154	1022132	44.885	ng		99
47) 2-Chloronaphthalene	9.35	162	804548	42.450	ng		98
48) 2-Nitroaniline	9.44	65	258635	41.285	ng		91
49) Acenaphthylene	9.76	152	1249888	45.203	ng		100
50) Dimethylphthalate	9.62	163	948138	43.172	ng		99
51) 2,6-Dinitrotoluene	9.68	165	212391	44.501	ng	#	85
52) Acenaphthene	9.93	154	746845	44.027	ng		99
53) 3-Nitroaniline	9.85	138	166040	28.155	ng		92
54) 2,4-Dinitrophenol	9.97	184	165160	69.206	ng		95
55) Dibenzofuran	10.10	168	1098319	44.522	ng		97
56) 4-Nitrophenol	10.03	139	302115	79.970	ng		98
57) 2,4-Dinitrotoluene	10.09	165	281679	44.327	ng		95
58) Fluorene	10.45	166	841605	44.342	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	223120	43.225	ng		99
60) Diethylphthalate	10.32	149	882415	43.035	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	420247	43.720	ng		99
62) 4-Nitroaniline	10.47	138	227640	37.351	ng		96
63) Azobenzene	10.60	77	936095	44.386	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	130702	44.806	ng		88
66) n-Nitrosodiphenylamine	10.56	169	758739	45.795	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	259696	44.071	ng		96
68) Hexachlorobenzene	11.00	284	289127	42.432	ng		98
69) Atrazine	11.09	200	237081	43.496	ng		99
70) Pentachlorophenol	11.20	266	285755	86.380	ng		98
71) Phenanthrene	11.41	178	1240724	44.090	ng		99
72) Anthracene	11.46	178	1271758	44.655	ng		98
73) Carbazole	11.62	167	1121221	43.394	ng		100
74) Di-n-butylphthalate	11.94	149	1334011	44.259	ng		100
75) Fluoranthene	12.60	202	1272190	43.183	ng		99
77) Benzidine	12.72	184	514004	40.301	ng		98
78) Pyrene	12.83	202	1290219	45.338	ng		100
80) Butylbenzylphthalate	13.44	149	551529	45.817	ng		97
81) Benzo(a)anthracene	14.02	228	1052046	43.600	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	285029	34.001	ng	#	98
83) Chrysene	14.06	228	1013761	43.275	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	729301	46.622	ng		100
85) Di-n-octyl phthalate	14.61	149	1129800	45.471	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	817444	41.547	ng		99
88) Benzo(b)fluoranthene	15.07	252	945886	49.129	ng	#	97
89) Benzo(k)fluoranthene	15.10	252	834268	44.488	ng		100
90) Benzo(a)pyrene	15.44	252	821174	47.713	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	663095	44.510	ng		98
92) Benzo(g,h,i)perylene	17.43	276	685937	46.882	ng		98

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

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