Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115972.D
Acq On : 3 Aug 2019 11:04
Operator : HP/JU
Sample : PB121947BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121947BSD

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:16 PM

Quant Time: Aug 05 01:36:07 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	146335	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	609990	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	333521	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	580001	20.00	ng		0.00
76) Chrysene-d12	14.03	240	422191	20.00	ng		0.00
87) Perylene-d12	15.50	264	380787	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1033068	118.18	ng		0.02
7) Phenol-d6	6.50	99	1313554	119.10	ng		0.01
23) Nitrobenzene-d5	7.42	82	877337	83.02	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	379823	117.46	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1519602	85.34	ng		0.00
79) Terphenyl-d14	12.97	244	1686649	84.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	182472	41.321	ng		99
3) Pyridine	3.46	79	469209	38.036	ng		99
4) n-Nitrosodimethylamine	3.41	42	211459	43.437	ng		100
6) Aniline	6.52	93	544219	34.456	ng	#	91
8) 2-Chlorophenol	6.65	128	456195	47.195	ng		99
9) Benzaldehyde	6.40	77	246599	32.406	ng		99
10) Phenol	6.51	94	578188	44.519	ng		84
11) bis(2-Chloroethyl)ether	6.59	93	433197	45.368	ng		97
12) 1,3-Dichlorobenzene	6.80	146	480158	42.982	ng		100
13) 1,4-Dichlorobenzene	6.87	146	493261	44.099	ng		99
14) 1,2-Dichlorobenzene	7.03	146	452188	43.905	ng		99
15) Benzyl Alcohol	7.00	79	391972	46.833	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	583841	44.828	ng		95
17) 2-Methylphenol	7.11	107	386267	47.193	ng		98
18) Hexachloroethane	7.36	117	181680	44.117	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	314156	45.968	ng		98
20) 3+4-Methylphenols	7.26	107	456933	47.176	ng	#	89
22) Acetophenone	7.26	105	613623	45.868	ng		96
24) Nitrobenzene	7.44	77	515195	45.151	ng		96
25) Isophorone	7.67	82	931954	46.121	ng		100
26) 2-Nitrophenol	7.75	139	256317	47.654	ng		99
27) 2,4-Dimethylphenol	7.79	122	417392	51.580	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	570582	45.557	ng		99
29) 2,4-Dichlorophenol	8.00	162	401503	46.991	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	429901	44.139	ng		99
31) Naphthalene	8.16	128	1305561	45.482	ng		100
32) Benzoic acid	7.95	122	259129	45.420	ng		97
33) 4-Chloroaniline	8.20	127	364193	28.396	ng		99
34) Hexachlorobutadiene	8.27	225	237256	42.292	ng		99
35) Caprolactam	8.59	113	124117m	44.914	ng		
36) 4-Chloro-3-methylphenol	8.70	107	429920	48.367	ng		96
37) 2-Methylnaphthalene	8.85	142	885916	46.862	ng		99
38) 1-Methylnaphthalene	8.95	142	824938	46.126	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	402637	45.157	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	267919	67.900	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	268535	43.755	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	286008	45.083	ng		95
46) 1,1'-Biphenyl	9.32	154	1067110	45.319	ng		99
47) 2-Chloronaphthalene	9.35	162	846073	43.172	ng		99
48) 2-Nitroaniline	9.44	65	276510	42.686	ng		91
49) Acenaphthylene	9.76	152	1294267	45.268	ng		100
50) Dimethylphthalate	9.62	163	1017643	44.812	ng		99
51) 2,6-Dinitrotoluene	9.69	165	227454	46.089	ng		99
52) Acenaphthene	9.93	154	768655	43.822	ng		99
53) 3-Nitroaniline	9.86	138	183391	30.074	ng		98
54) 2,4-Dinitrophenol	9.97	184	199143	79.403	ng		100
55) Dibenzofuran	10.10	168	1134323	44.469	ng		96
56) 4-Nitrophenol	10.03	139	346755	88.768	ng		95
57) 2,4-Dinitrotoluene	10.09	165	293675	44.695	ng		91
58) Fluorene	10.45	166	882142	44.949	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	240496	45.059	ng		99
60) Diethylphthalate	10.32	149	963353	45.437	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	449717	45.247	ng		98
62) 4-Nitroaniline	10.47	138	256280	40.668	ng		99
63) Azobenzene	10.60	77	993097	45.540	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	145210	47.244	ng		99
66) n-Nitrosodiphenylamine	10.56	169	810046	46.401	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	278375	44.835	ng		94
68) Hexachlorobenzene	11.00	284	308924	43.028	ng		98
69) Atrazine	11.09	200	258514	45.012	ng		99
70) Pentachlorophenol	11.20	266	310855	89.181	ng		97
71) Phenanthrene	11.41	178	1311060	44.217	ng		99
72) Anthracene	11.46	178	1356696	45.211	ng		98
73) Carbazole	11.62	167	1227161	45.075	ng		100
74) Di-n-butylphthalate	11.94	149	1471544	46.335	ng		99
75) Fluoranthene	12.60	202	1358276	43.757	ng		97
77) Benzidine	12.72	184	656064	45.996	ng		98
78) Pyrene	12.83	202	1404351	44.127	ng		100
80) Butylbenzylphthalate	13.44	149	631319	46.895	ng		97
81) Benzo(a)anthracene	14.02	228	1195622	44.307	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	353446	37.701	ng	#	99
83) Chrysene	14.06	228	1155830	44.119	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	879583	50.279	ng		100
85) Di-n-octyl phthalate	14.62	149	1417056	50.997	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	964888	43.851	ng		99
88) Benzo(b)fluoranthene	15.08	252	1113101	50.555	ng		98
89) Benzo(k)fluoranthene	15.11	252	1002199	46.733	ng		98
90) Benzo(a)pyrene	15.44	252	975057	49.540	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	804629	47.229	ng		97
92) Benzo(g,h,i)perylene	17.44	276	786104	46.983	ng		100

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

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