Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115971.D
Acq On : 3 Aug 2019 10:34
Operator : HP/JU
Sample : PB121947BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:13 PM

Quant Time: Aug 05 01:27:06 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	147037	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	607984	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	329705	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	568468	20.00	ng		0.00
76) Chrysene-d12	14.03	240	412171	20.00	ng		0.00
87) Perylene-d12	15.50	264	373319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1044724	118.95	ng		0.02
7) Phenol-d6	6.50	99	1321121	119.22	ng		0.01
23) Nitrobenzene-d5	7.42	82	874875	83.06	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	372260	116.46	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1500141	85.22	ng		0.00
79) Terphenyl-d14	12.97	244	1634056	83.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	186311	41.988	ng		99
3) Pyridine	3.46	79	475590	38.369	ng		99
4) n-Nitrosodimethylamine	3.42	42	215056	43.965	ng		98
6) Aniline	6.52	93	551027	34.721	ng		92
8) 2-Chlorophenol	6.65	128	452713	46.611	ng		99
9) Benzaldehyde	6.40	77	247497	32.369	ng		99
10) Phenol	6.51	94	580901	44.514	ng		80
11) bis(2-Chloroethyl)ether	6.59	93	438313	45.685	ng		97
12) 1,3-Dichlorobenzene	6.79	146	488050	43.480	ng		97
13) 1,4-Dichlorobenzene	6.87	146	495732	44.109	ng		99
14) 1,2-Dichlorobenzene	7.03	146	453541	43.826	ng		98
15) Benzyl Alcohol	7.00	79	391921	46.603	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	586202	44.794	ng		96
17) 2-Methylphenol	7.11	107	386754	47.027	ng		99
18) Hexachloroethane	7.36	117	182716	44.157	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	312537	45.513	ng		98
20) 3+4-Methylphenols	7.26	107	452830	46.529	ng	#	90
22) Acetophenone	7.26	105	608465	45.633	ng		96
24) Nitrobenzene	7.43	77	514230	45.215	ng		99
25) Isophorone	7.67	82	922572	45.807	ng		100
26) 2-Nitrophenol	7.75	139	252962	47.186	ng		98
27) 2,4-Dimethylphenol	7.79	122	409973	50.830	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	564569	45.226	ng		99
29) 2,4-Dichlorophenol	8.00	162	399198	46.876	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	428637	44.155	ng		99
31) Naphthalene	8.16	128	1306819	45.676	ng		99
32) Benzoic acid	7.95	122	249189	43.822	ng		99
33) 4-Chloroaniline	8.20	127	383940	30.034	ng		99
34) Hexachlorobutadiene	8.27	225	237894	42.545	ng		99
35) Caprolactam	8.59	113	119501m	43.387	ng		
36) 4-Chloro-3-methylphenol	8.70	107	422769	47.719	ng		99
37) 2-Methylnaphthalene	8.85	142	876135	46.498	ng		100
38) 1-Methylnaphthalene	8.95	142	818607	45.923	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	400340	45.419	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	266794	68.354	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	265058	43.688	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	281795	44.933	ng		97
46) 1,1'-Biphenyl	9.32	154	1057721	45.440	ng		99
47) 2-Chloronaphthalene	9.35	162	837676	43.238	ng		99
48) 2-Nitroaniline	9.44	65	270521	42.245	ng		92
49) Acenaphthylene	9.76	152	1278910	45.249	ng		100
50) Dimethylphthalate	9.62	163	992840	44.226	ng		99
51) 2,6-Dinitrotoluene	9.69	165	223086	45.727	ng		96
52) Acenaphthene	9.93	154	762523	43.976	ng		100
53) 3-Nitroaniline	9.85	138	187492	31.103	ng		89
54) 2,4-Dinitrophenol	9.97	184	191818	77.568	ng		97
55) Dibenzofuran	10.10	168	1121387	44.471	ng		96
56) 4-Nitrophenol	10.03	139	335741	86.943	ng		97
57) 2,4-Dinitrotoluene	10.09	165	286601	44.123	ng		93
58) Fluorene	10.45	166	865193	44.596	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	233771	44.306	ng		100
60) Diethylphthalate	10.32	149	931756	44.456	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	437003	44.476	ng		98
62) 4-Nitroaniline	10.47	138	250863	40.269	ng		99
63) Azobenzene	10.60	77	976354	45.290	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	142258	47.223	ng		93
66) n-Nitrosodiphenylamine	10.56	169	784160	45.830	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	270871	44.511	ng		93
68) Hexachlorobenzene	11.00	284	300371	42.685	ng		96
69) Atrazine	11.09	200	250720	44.541	ng		99
70) Pentachlorophenol	11.20	266	295174	86.400	ng		98
71) Phenanthrene	11.41	178	1280978	44.078	ng		99
72) Anthracene	11.46	178	1312306	44.619	ng		98
73) Carbazole	11.62	167	1188343	44.535	ng		100
74) Di-n-butylphthalate	11.94	149	1418994	45.587	ng		99
75) Fluoranthene	12.60	202	1329807	43.709	ng		98
77) Benzidine	12.72	184	624525	44.850	ng		97
78) Pyrene	12.83	202	1367969	44.029	ng		99
80) Butylbenzylphthalate	13.44	149	599147	45.588	ng		97
81) Benzo(a)anthracene	14.02	228	1165199	44.229	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	347293	37.945	ng		98
83) Chrysene	14.06	228	1133408	44.315	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	825340	48.325	ng		100
85) Di-n-octyl phthalate	14.61	149	1326615	48.903	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	936500	43.596	ng		99
88) Benzo(b)fluoranthene	15.07	252	1111606	51.497	ng	#	96
89) Benzo(k)fluoranthene	15.10	252	958293	45.579	ng		100
90) Benzo(a)pyrene	15.44	252	972537	50.401	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	785404	47.022	ng		99
92) Benzo(g,h,i)perylene	17.43	276	763754	46.560	ng		98

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

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