Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115935.D
Acq On : 2 Aug 2019 10:00
Operator : HP/JU
Sample : PB121887BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121887BS

Manual Integrations APPROVED
mohammad
8/8/2019 4:44:00 PM

Quant Time: Aug 02 16:59:29 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	138755	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	572841	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	294547	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	567562	20.00	ng		0.00
76) Chrysene-d12	14.03	240	411870	20.00	ng		0.00
87) Perylene-d12	15.50	264	264085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	730725	88.16	ng		0.02
7) Phenol-d6	6.49	99	922725	88.24	ng		0.00
23) Nitrobenzene-d5	7.42	82	845692	85.22	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	265774	93.07	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1494747	95.05	ng		0.00
79) Terphenyl-d14	12.97	244	1664494	85.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	159409	38.070	ng		100
3) Pyridine	3.46	79	368173	31.476	ng		98
4) n-Nitrosodimethylamine	3.40	42	184602	39.992	ng		98
6) Aniline	6.52	93	372948	24.903	ng		95
8) 2-Chlorophenol	6.65	128	408039	44.519	ng		97
9) Benzaldehyde	6.40	77	46965	6.509	ng		99
10) Phenol	6.50	94	521858	42.377	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	389407	43.010	ng		99
12) 1,3-Dichlorobenzene	6.79	146	415252	39.203	ng		97
13) 1,4-Dichlorobenzene	6.87	146	423314	39.913	ng		99
14) 1,2-Dichlorobenzene	7.03	146	398222	40.777	ng		98
15) Benzyl Alcohol	7.00	79	357948	45.104	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	518845	42.014	ng		94
17) 2-Methylphenol	7.11	107	350089	45.110	ng		99
18) Hexachloroethane	7.36	117	155769	39.891	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	279209	43.086	ng		100
20) 3+4-Methylphenols	7.26	107	416016	45.298	ng	#	88
22) Acetophenone	7.26	105	557710	44.392	ng		98
24) Nitrobenzene	7.43	77	451356	42.122	ng		99
25) Isophorone	7.67	82	820969	43.263	ng		100
26) 2-Nitrophenol	7.75	139	226375	44.817	ng		99
27) 2,4-Dimethylphenol	7.79	122	368108	48.439	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	507616	43.158	ng		99
29) 2,4-Dichlorophenol	8.00	162	358803	44.717	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	378699	41.404	ng		98
31) Naphthalene	8.16	128	1173471	43.532	ng		100
32) Benzoic acid	7.94	122	257717	48.102	ng		98
33) 4-Chloroaniline	8.20	127	343496	28.519	ng		99
34) Hexachlorobutadiene	8.27	225	214217	40.661	ng		99
35) Caprolactam	8.59	113	115599m	44.545	ng		
36) 4-Chloro-3-methylphenol	8.70	107	378808	45.381	ng		97
37) 2-Methylnaphthalene	8.85	142	790273	44.514	ng		99
38) 1-Methylnaphthalene	8.95	142	744770	44.344	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	363092	46.110	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	173299	51.316 ng	100
43) 2,4,6-Trichlorophenol	9.13	196	243258	44.881 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	258370	46.115 ng	98
46) 1,1'-Biphenyl	9.32	154	974671	46.871 ng	100
47) 2-Chloronaphthalene	9.35	162	759779	43.899 ng	100
48) 2-Nitroaniline	9.44	65	244524	42.743 ng	91
49) Acenaphthylene	9.76	152	1158864	45.896 ng	100
50) Dimethylphthalate	9.62	163	896691	44.711 ng	99
51) 2,6-Dinitrotoluene	9.68	165	201093	46.139 ng	89
52) Acenaphthene	9.93	154	690660	44.586 ng	100
53) 3-Nitroaniline	9.85	138	192052	35.662 ng	90
54) 2,4-Dinitrophenol	9.97	184	189272	84.858 ng	93
55) Dibenzofuran	10.10	168	1035014	45.945 ng	97
56) 4-Nitrophenol	10.03	139	311446	90.278 ng	96
57) 2,4-Dinitrotoluene	10.09	165	261234	45.018 ng	95
58) Fluorene	10.45	166	798230	46.056 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	221744	47.043 ng	99
60) Diethylphthalate	10.32	149	859005	45.877 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	399026	45.459 ng	98
62) 4-Nitroaniline	10.47	138	225786	40.569 ng	99
63) Azobenzene	10.60	77	892917	46.364 ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	132365	44.009 ng	95
66) n-Nitrosodiphenylamine	10.56	169	714364	41.817 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	249593	41.080 ng	92
68) Hexachlorobenzene	11.00	284	277279	39.467 ng	93
69) Atrazine	11.08	200	208774	37.148 ng	98
70) Pentachlorophenol	11.20	266	286724	84.061 ng	99
71) Phenanthrene	11.41	178	1192414	41.096 ng	100
72) Anthracene	11.46	178	1221073	41.583 ng	98
73) Carbazole	11.62	167	1120176	42.047 ng	100
74) Di-n-butylphthalate	11.94	149	1360326	43.772 ng	99
75) Fluoranthene	12.60	202	1280290	42.148 ng	98
77) Benzidine	12.72	184	204803	14.718 ng	97
78) Pyrene	12.83	202	1314743	42.346 ng	100
80) Butylbenzylphthalate	13.44	149	590264	44.945 ng	100
81) Benzo(a)anthracene	14.02	228	1114272	42.327 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	333861	36.504 ng	99
83) Chrysene	14.06	228	1090412	42.665 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	822124	48.172 ng	100
85) Di-n-octyl phthalate	14.61	149	1307899	48.248 ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	892667	41.586 ng	98
88) Benzo(b)fluoranthene	15.07	252	1029190m	67.401 ng	
89) Benzo(k)fluoranthene	15.10	252	908676	61.096 ng	98
90) Benzo(a)pyrene	15.44	252	894771	65.551 ng	98
91) Dibenzo(a,h)anthracene	16.99	278	768124	65.010 ng	99
92) Benzo(g,h,i)perylene	17.43	276	743154	64.043 ng	98

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

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