Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115089.D
Acq On : 21 Jun 2019 20:31
Operator : HP/JU
Sample : PB120747BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:15 PM

Quant Time: Jun 22 05:36:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273011	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1080920	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	542408	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1071623	20.00	ng		0.00
76) Chrysene-d12	13.75	240	744469	20.00	ng		0.00
87) Perylene-d12	15.11	264	773880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2098453	118.61	ng		0.02
7) Phenol-d6	6.27	99	2628234	122.40	ng		0.01
23) Nitrobenzene-d5	7.18	82	1612813	91.79	ng		0.00
42) 2,4,6-Tribromophenol	10.44	330	727236	127.14	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2922376	91.52	ng		0.00
79) Terphenyl-d14	12.71	244	3108020	88.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	290012	34.734	ng		99
3) Pyridine	2.95	79	825809	35.091	ng		99
4) n-Nitrosodimethylamine	2.90	42	358721	38.883	ng		99
6) Aniline	6.28	93	676029	22.907	ng		100
8) 2-Chlorophenol	6.40	128	816201	41.029	ng		97
9) Benzaldehyde	6.15	77	221749	15.829	ng		99
10) Phenol	6.28	94	966583	38.428	ng		99
11) bis(2-Chloroethyl)ether	6.36	93	748561	40.373	ng		98
12) 1,3-Dichlorobenzene	6.55	146	863833	39.127	ng		98
13) 1,4-Dichlorobenzene	6.63	146	872814	39.424	ng		99
14) 1,2-Dichlorobenzene	6.79	146	803787	39.205	ng		98
15) Benzyl Alcohol	6.77	79	640359	40.954	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1090783	40.562	ng		99
17) 2-Methylphenol	6.88	107	697736	42.492	ng		100
18) Hexachloroethane	7.13	117	316691	39.678	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	555107	40.379	ng		99
20) 3+4-Methylphenols	7.04	107	786563	41.485	ng	#	89
22) Acetophenone	7.03	105	1091229	44.097	ng	#	99
24) Nitrobenzene	7.20	77	830048	42.878	ng		96
25) Isophorone	7.45	82	1580761	43.915	ng		99
26) 2-Nitrophenol	7.51	139	448549	46.920	ng		98
27) 2,4-Dimethylphenol	7.56	122	773384	49.410	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	984056	43.253	ng		99
29) 2,4-Dichlorophenol	7.75	162	721643	44.675	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	768644	43.080	ng		99
31) Naphthalene	7.92	128	2314351	43.618	ng		99
32) Benzoic acid	7.71	122	592532	53.033	ng		96
33) 4-Chloroaniline	7.97	127	381713	15.741	ng		100
34) Hexachlorobutadiene	8.05	225	410535	41.987	ng		98
35) Caprolactam	8.35	113	223247m	41.107	ng		
36) 4-Chloro-3-methylphenol	8.46	107	726092	44.386	ng		98
37) 2-Methylnaphthalene	8.61	142	1597218	44.645	ng		99
38) 1-Methylnaphthalene	8.71	142	1527924	44.718	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	647522	42.246	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	722484	79.493	ng		100
43) 2,4,6-Trichlorophenol	8.89	196	541944	45.798	ng		100
44) 2,4,5-Trichlorophenol	8.93	196	534280	43.843	ng		98
46) 1,1'-Biphenyl	9.08	154	1835171	42.285	ng		99
47) 2-Chloronaphthalene	9.10	162	1484978	42.182	ng		97
48) 2-Nitroaniline	9.19	65	434666	42.350	ng		97
49) Acenaphthylene	9.51	152	2321378	42.323	ng		99
50) Dimethylphthalate	9.39	163	1691020	42.375	ng		99
51) 2,6-Dinitrotoluene	9.44	165	412089	44.729	ng		99
52) Acenaphthene	9.68	154	1593698	46.434	ng		100
53) 3-Nitroaniline	9.60	138	282261	25.106	ng		96
54) 2,4-Dinitrophenol	9.71	184	423979	88.567	ng		97
55) Dibenzofuran	9.85	168	2032244	41.254	ng		98
56) 4-Nitrophenol	9.77	139	759581	84.271	ng		96
57) 2,4-Dinitrotoluene	9.84	165	554972	46.652	ng		90
58) Fluorene	10.20	166	1389632	41.918	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	470130	46.009	ng		99
60) Diethylphthalate	10.09	149	1731791	43.172	ng		99
61) 4-Chlorophenyl-phenylether	10.19	204	671959	42.776	ng		95
62) 4-Nitroaniline	10.22	138	458473	40.649	ng		99
63) Azobenzene	10.35	77	1598757	42.670	ng		96
65) 4,6-Dinitro-2-methylphenol	10.24	198	261283	46.048	ng		87
66) n-Nitrosodiphenylamine	10.31	169	1426085	42.715	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	491638	42.315	ng		97
68) Hexachlorobenzene	10.74	284	527198	41.804	ng	#	92
69) Atrazine	10.84	200	464636	43.263	ng		99
70) Pentachlorophenol	10.93	266	639201	79.559	ng		96
71) Phenanthrene	11.15	178	2287264	39.642	ng		100
72) Anthracene	11.20	178	2384925	40.949	ng		99
73) Carbazole	11.35	167	2182193	41.959	ng		99
74) Di-n-butylphthalate	11.70	149	2586515	43.038	ng		98
75) Fluoranthene	12.32	202	2407196	41.815	ng		100
77) Benzidine	12.45	184	506235	15.314	ng		99
78) Pyrene	12.55	202	2431773	42.504	ng		98
80) Butylbenzylphthalate	13.19	149	1170294	46.351	ng		97
81) Benzo(a)anthracene	13.74	228	2256634	42.245	ng		99
82) 3,3'-Dichlorobenzidine	13.70	252	533083	27.635	ng	#	98
83) Chrysene	13.77	228	2039516	41.681	ng		99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1506074	45.523	ng		98
85) Di-n-octyl phthalate	14.37	149	2600512	46.783	ng		100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2551161	44.061	ng		99
88) Benzo(b)fluoranthene	14.74	252	2526002	52.311	ng		99
89) Benzo(k)fluoranthene	14.77	252	1955345	45.154	ng		100
90) Benzo(a)pyrene	15.06	252	2222610	51.068	ng		99
91) Dibenzo(a,h)anthracene	16.42	278	2118174	52.132	ng		99
92) Benzo(g,h,i)perylene	16.78	276	2155118	52.406	ng		97

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

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