Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115277.D
Acq On : 28 Jun 2019 13:21
Operator : HP/JU
Sample : PB120984BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120984BS

Manual Integrations APPROVED
mohammad
7/1/2019 3:05:42 PM

Quant Time: Jun 29 04:44:58 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 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	242047	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	927689	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	450970	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	883255	20.00	ng		0.00
76) Chrysene-d12	13.72	240	622409	20.00	ng		0.00
87) Perylene-d12	15.09	264	766242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1799579	114.73	ng		0.02
7) Phenol-d6	6.25	99	2231007	117.19	ng		0.01
23) Nitrobenzene-d5	7.17	82	1380987	91.57	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	648944	136.46	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2547785	95.96	ng		0.00
79) Terphenyl-d14	12.68	244	2782863	95.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	246171	33.255	ng		99
3) Pyridine	2.87	79	716745	34.353	ng		97
4) n-Nitrosodimethylamine	2.82	42	308887	37.765	ng		97
6) Aniline	6.26	93	652356	24.932	ng	#	1
8) 2-Chlorophenol	6.39	128	740917	42.009	ng		98
9) Benzaldehyde	6.14	77	147323	11.861	ng		98
10) Phenol	6.26	94	831158	37.271	ng		94
11) bis(2-Chloroethyl)ether	6.34	93	685578	41.706	ng		99
12) 1,3-Dichlorobenzene	6.54	146	805069	41.130	ng		99
13) 1,4-Dichlorobenzene	6.62	146	808412	41.186	ng		100
14) 1,2-Dichlorobenzene	6.77	146	747746	41.137	ng		98
15) Benzyl Alcohol	6.75	79	551619	39.791	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	963352	40.406	ng		98
17) 2-Methylphenol	6.87	107	605687	41.605	ng		98
18) Hexachloroethane	7.11	117	286596	40.501	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	474479	38.929	ng		98
20) 3+4-Methylphenols	7.02	107	712283	42.373	ng		92
22) Acetophenone	7.01	105	975559	45.935	ng	#	96
24) Nitrobenzene	7.18	77	738646	44.459	ng		98
25) Isophorone	7.42	82	1362279	44.096	ng		99
26) 2-Nitrophenol	7.50	139	420923	51.303	ng		98
27) 2,4-Dimethylphenol	7.55	122	674265	50.193	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	861011	44.096	ng		99
29) 2,4-Dichlorophenol	7.74	162	639403	46.122	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	707961	46.232	ng		99
31) Naphthalene	7.90	128	2088955	45.873	ng		100
32) Benzoic acid	7.69	122	517275	53.945	ng		96
33) 4-Chloroaniline	7.95	127	357054	17.156	ng		99
34) Hexachlorobutadiene	8.03	225	382766	45.613	ng		99
35) Caprolactam	8.32	113	213001m	45.699	ng		
36) 4-Chloro-3-methylphenol	8.44	107	646079	46.018	ng		100
37) 2-Methylnaphthalene	8.60	142	1412018	45.988	ng		99
38) 1-Methylnaphthalene	8.69	142	1348533	45.987	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	598493	46.964	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	719256	95.184	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	462418	47.001	ng	100
44) 2,4,5-Trichlorophenol	8.91	196	492092	48.569	ng	99
46) 1,1'-Biphenyl	9.06	154	1631860	45.224	ng	98
47) 2-Chloronaphthalene	9.08	162	1337522	45.696	ng	98
48) 2-Nitroaniline	9.17	65	386600	45.305	ng	97
49) Acenaphthylene	9.49	152	2070702	45.407	ng	100
50) Dimethylphthalate	9.37	163	1523593	45.921	ng	100
51) 2,6-Dinitrotoluene	9.42	165	361180	47.152	ng	97
52) Acenaphthene	9.66	154	1215253	42.586	ng	98
53) 3-Nitroaniline	9.58	138	238154	25.477	ng	99
54) 2,4-Dinitrophenol	9.69	184	415618	103.109	ng	93
55) Dibenzofuran	9.84	168	1793187	43.782	ng	99
56) 4-Nitrophenol	9.75	139	667438	89.063	ng	97
57) 2,4-Dinitrotoluene	9.82	165	489944	49.536	ng	95
58) Fluorene	10.18	166	1251891	46.065	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	422489	49.730	ng	98
60) Diethylphthalate	10.07	149	1482063	44.438	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	608636	47.318	ng	99
62) 4-Nitroaniline	10.20	138	403891	43.070	ng	98
63) Azobenzene	10.33	77	1381103	44.335	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	245471	51.794	ng	87
66) n-Nitrosodiphenylamine	10.29	169	1259902	45.785	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	440321	45.980	ng	98
68) Hexachlorobenzene	10.72	284	484836	46.644	ng	96
69) Atrazine	10.82	200	417516	47.167	ng	100
70) Pentachlorophenol	10.91	266	587110	88.660	ng	97
71) Phenanthrene	11.12	178	2060494	43.328	ng	99
72) Anthracene	11.18	178	2112589	44.008	ng	99
73) Carbazole	11.33	167	1924039	44.885	ng	98
74) Di-n-butylphthalate	11.68	149	2259440	45.614	ng	98
75) Fluoranthene	12.30	202	2170553	45.746	ng	100
77) Benzidine	12.42	184	734966	26.593	ng	99
78) Pyrene	12.53	202	2180075	45.577	ng	98
80) Butylbenzylphthalate	13.17	149	1046304	49.567	ng	90
81) Benzo(a)anthracene	13.71	228	2054865	46.011	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	518763	32.166	ng	97
83) Chrysene	13.75	228	1957681	47.854	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1376171	49.754	ng	99
85) Di-n-octyl phthalate	14.34	149	2350699	50.582	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2545510	52.585	ng	99
88) Benzo(b)fluoranthene	14.72	252	2392072	50.032	ng	99
89) Benzo(k)fluoranthene	14.75	252	1803582	42.065	ng	99
90) Benzo(a)pyrene	15.04	252	2108588	48.931	ng	98
91) Dibenzo(a,h)anthracene	16.39	278	2059481	51.192	ng	98
92) Benzo(g,h,i)perylene	16.75	276	2175045	53.418	ng	99

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

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