Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115146.D
Acq On : 24 Jun 2019 13:25
Operator : HP/JU
Sample : PB120851BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120851BS

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:07 AM

Quant Time: Jun 25 07:59:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	353797	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1392756	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	697914	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1335800	20.00	ng		0.00
76) Chrysene-d12	13.74	240	888865	20.00	ng		-0.01
87) Perylene-d12	15.09	264	913837	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2576958	112.40	ng		0.02
7) Phenol-d6	6.27	99	3167857	113.84	ng		0.01
23) Nitrobenzene-d5	7.18	82	1987597	87.79	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	902085	122.57	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	3552003	86.45	ng		0.00
79) Terphenyl-d14	12.70	244	3708366	88.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	365598	33.789	ng		99
3) Pyridine	2.97	79	999440	32.772	ng		97
4) n-Nitrosodimethylamine	2.91	42	457121	38.235	ng		98
6) Aniline	6.28	93	979417	25.609	ng	#	1
8) 2-Chlorophenol	6.41	128	1051417	40.784	ng		97
9) Benzaldehyde	6.15	77	206267	11.362	ng		98
10) Phenol	6.28	94	1186009	36.385	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	955861	39.781	ng		98
12) 1,3-Dichlorobenzene	6.55	146	1102337	38.529	ng		99
13) 1,4-Dichlorobenzene	6.63	146	1123207	39.150	ng		98
14) 1,2-Dichlorobenzene	6.79	146	1030393	38.782	ng		98
15) Benzyl Alcohol	6.77	79	795313	39.249	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1401691	40.221	ng		98
17) 2-Methylphenol	6.88	107	888713	41.764	ng		97
18) Hexachloroethane	7.13	117	409880	39.628	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	699915	39.287	ng		99
20) 3+4-Methylphenols	7.04	107	987244	40.180	ng	#	89
22) Acetophenone	7.03	105	1400894	43.936	ng	#	99
24) Nitrobenzene	7.20	77	1077000	43.179	ng		96
25) Isophorone	7.44	82	2031178	43.794	ng		100
26) 2-Nitrophenol	7.51	139	609158	49.453	ng		98
27) 2,4-Dimethylphenol	7.57	122	986359	48.907	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	1260852	43.011	ng		98
29) 2,4-Dichlorophenol	7.75	162	936443	44.993	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	1002777	43.618	ng		99
31) Naphthalene	7.92	128	2923011	42.755	ng		99
32) Benzoic acid	7.71	122	806175	55.999	ng		98
33) 4-Chloroaniline	7.97	127	715086	22.886	ng		100
34) Hexachlorobutadiene	8.04	225	537669	42.677	ng		98
35) Caprolactam	8.35	113	335180m	47.900	ng		
36) 4-Chloro-3-methylphenol	8.46	107	933386	44.282	ng		97
37) 2-Methylnaphthalene	8.61	142	2030833	44.056	ng		98
38) 1-Methylnaphthalene	8.71	142	1927615	43.784	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	845115	42.852	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	917480	78.455 ng		100
43) 2,4,6-Trichlorophenol	8.89	196	683768	44.908 ng		99
44) 2,4,5-Trichlorophenol	8.93	196	716688	45.708 ng		99
46) 1,1'-Biphenyl	9.07	154	2323566	41.609 ng		98
47) 2-Chloronaphthalene	9.10	162	1885581	41.627 ng		97
48) 2-Nitroaniline	9.19	65	572036	43.316 ng		92
49) Acenaphthylene	9.51	152	2866170	40.612 ng		97
50) Dimethylphthalate	9.38	163	2170051	42.262 ng		99
51) 2,6-Dinitrotoluene	9.44	165	533559	45.009 ng		92
52) Acenaphthene	9.68	154	1766656	40.004 ng		99
53) 3-Nitroaniline	9.60	138	390139	26.969 ng		99
54) 2,4-Dinitrophenol	9.71	184	565141	91.486 ng		99
55) Dibenzofuran	9.85	168	2519792	39.754 ng		96
56) 4-Nitrophenol	9.77	139	956007	82.431 ng		95
57) 2,4-Dinitrotoluene	9.84	165	690195	45.092 ng		93
58) Fluorene	10.19	166	1720727	40.050 ng		97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	606469	46.127 ng		98
60) Diethylphthalate	10.08	149	2126267	41.195 ng		98
61) 4-Chlorophenyl-phenylether	10.18	204	838222	41.226 ng		96
62) 4-Nitroaniline	10.21	138	595506	41.034 ng		97
63) Azobenzene	10.35	77	1959918	40.654 ng		98
65) 4,6-Dinitro-2-methylphenol	10.24	198	341732	48.072 ng		89
66) n-Nitrosodiphenylamine	10.31	169	1799366	43.237 ng		99
67) 4-Bromophenyl-phenylether	10.67	248	634768	43.829 ng		97
68) Hexachlorobenzene	10.74	284	682747	43.431 ng		98
69) Atrazine	10.84	200	588389	43.951 ng		99
70) Pentachlorophenol	10.93	266	816107	81.489 ng		97
71) Phenanthrene	11.14	178	2802022	38.959 ng		98
72) Anthracene	11.20	178	2934274	40.417 ng		97
73) Carbazole	11.35	167	2658003	41.000 ng		98
74) Di-n-butylphthalate	11.70	149	3092174	41.277 ng		97
75) Fluoranthene	12.32	202	2970479	41.395 ng		99
77) Benzidine	12.44	184	980736	24.848 ng		99
78) Pyrene	12.54	202	3000307	43.922 ng		97
80) Butylbenzylphthalate	13.18	149	1463452	48.546 ng		98
81) Benzo(a)anthracene	13.72	228	2789240	43.733 ng		98
82) 3,3'-Dichlorobenzidine	13.69	252	891301	38.699 ng		98
83) Chrysene	13.77	228	2613204	44.729 ng		97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1852039	46.886 ng	#	98
85) Di-n-octyl phthalate	14.35	149	3134961	47.236 ng		100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2746070	39.722 ng		99
88) Benzo(b)fluoranthene	14.73	252	3058220	53.633 ng		99
89) Benzo(k)fluoranthene	14.76	252	2369807	46.344 ng		97
90) Benzo(a)pyrene	15.05	252	2608199	50.749 ng		99
91) Dibenzo(a,h)anthracene	16.39	278	2262397	47.154 ng		100
92) Benzo(g,h,i)perylene	16.76	276	2276170	46.873 ng		98

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

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