Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042870.D
Acq On : 17 Sep 2019 16:51
Operator : HP/JU
Sample : PB123133BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123133BS

Manual Integrations APPROVED
mohammad
9/18/2019 2:18:37 PM

Quant Time: Sep 18 02:02:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52563	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	228908	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	177009	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	445969	20.00	ng	0.00
76) Chrysene-d12	21.75	240	328063	20.00	ng	0.00
87) Perylene-d12	25.03	264	334740	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	327267	108.25	ng	0.03
7) Phenol-d6	7.31	99	481486	110.95	ng	0.04
23) Nitrobenzene-d5	9.28	82	294995	67.09	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	305459	129.71	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	768188	68.70	ng	-0.01
79) Terphenyl-d14	20.08	244	1302926	88.02	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	38537	27.929	ng	# 87
3) Pyridine	4.07	79	101163	24.351	ng	# 83
4) n-Nitrosodimethylamine	3.92	42	78452	38.809	ng	# 74
6) Aniline	7.45	93	169346	28.924	ng	100
8) 2-Chlorophenol	7.69	128	142353	43.558	ng	89
9) Benzaldehyde	7.27	77	86981	30.801	ng	91
10) Phenol	7.34	94	186365	41.876	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	122639	35.907	ng	95
12) 1,3-Dichlorobenzene	8.00	146	150119	37.661	ng	98
13) 1,4-Dichlorobenzene	8.15	146	152557	38.228	ng	99
14) 1,2-Dichlorobenzene	8.47	146	144705	38.092	ng	99
15) Benzyl Alcohol	8.38	79	150779	40.487	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	297065	39.606	ng	97
17) 2-Methylphenol	8.58	107	129355	43.446	ng	98
18) Hexachloroethane	9.20	117	57065	38.731	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	119223	37.284	ng	98
20) 3+4-Methylphenols	8.91	107	176569	43.021	ng	99
22) Acetophenone	8.96	105	212130	36.694	ng	# 94
24) Nitrobenzene	9.32	77	186535	40.419	ng	99
25) Isophorone	9.89	82	330203	36.030	ng	98
26) 2-Nitrophenol	10.03	139	78759	43.399	ng	# 94
27) 2,4-Dimethylphenol	10.11	122	142341	44.340	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	184875	36.172	ng	98
29) 2,4-Dichlorophenol	10.58	162	163025	43.701	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	177626	39.000	ng	99
31) Naphthalene	10.97	128	448421	39.676	ng	99
32) Benzoic acid	10.29	122	101963	40.355	ng	97
33) 4-Chloroaniline	11.08	127	122707	23.229	ng	98
34) Hexachlorobutadiene	11.26	225	127328	39.901	ng	98
35) Caprolactam	12.01	113	52155m	37.597	ng	
36) 4-Chloro-3-methylphenol	12.22	107	176629	43.608	ng	99
37) 2-Methylnaphthalene	12.57	142	356649	42.126	ng	97
38) 1-Methylnaphthalene	12.78	142	335151	42.208	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	235902	40.331	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	342511	102.217	ng		95
43) 2,4,6-Trichlorophenol	13.18	196	162902	41.833	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	179536	45.011	ng		97
46) 1,1'-Biphenyl	13.57	154	506766	40.896	ng		98
47) 2-Chloronaphthalene	13.61	162	395020	38.536	ng		100
48) 2-Nitroaniline	13.82	65	143513	40.358	ng		96
49) Acenaphthylene	14.46	152	652503	41.654	ng		98
50) Dimethylphthalate	14.20	163	530623	40.016	ng		98
51) 2,6-Dinitrotoluene	14.30	165	122730	45.107	ng		95
52) Acenaphthene	14.80	154	384858	37.606	ng		98
53) 3-Nitroaniline	14.65	138	84223	27.581	ng		97
54) 2,4-Dinitrophenol	14.84	184	153806	114.828	ng	#	71
55) Dibenzofuran	15.13	168	640034	42.076	ng		97
56) 4-Nitrophenol	14.97	139	204954	86.805	ng		93
57) 2,4-Dinitrotoluene	15.09	165	173591	47.865	ng	#	98
58) Fluorene	15.78	166	539553	42.799	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	189541	49.020	ng		98
60) Diethylphthalate	15.56	149	546300	40.587	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	319157	42.817	ng		99
62) 4-Nitroaniline	15.81	138	127784	38.822	ng		84
63) Azobenzene	16.06	77	538261	41.527	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	114268	59.882	ng		96
66) n-Nitrosodiphenylamine	15.98	169	488365	40.695	ng		95
67) 4-Bromophenyl-phenylether	16.66	248	218255	40.434	ng		97
68) Hexachlorobenzene	16.78	284	228349	39.590	ng		95
69) Atrazine	16.95	200	191665	45.864	ng		97
70) Pentachlorophenol	17.13	266	309038	90.319	ng		95
71) Phenanthrene	17.52	178	870260	40.804	ng		98
72) Anthracene	17.61	178	879600	41.281	ng		99
73) Carbazole	17.88	167	799615	39.483	ng		98
74) Di-n-butylphthalate	18.44	149	879952	36.272	ng		99
75) Fluoranthene	19.52	202	1039700	37.614	ng		99
77) Benzidine	19.70	184	398572	43.485	ng		98
78) Pyrene	19.88	202	1008949	49.124	ng		99
80) Butylbenzylphthalate	20.77	149	319696	38.461	ng		98
81) Benzo(a)anthracene	21.74	228	820394	39.331	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	223604	27.585	ng	#	97
83) Chrysene	21.80	228	793807	40.177	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	405252	35.681	ng		98
85) Di-n-octyl phthalate	22.89	149	645776	33.353	ng		95
86) Indeno(1,2,3-cd)pyrene	28.77	276	871655	35.625	ng	#	83
88) Benzo(b)fluoranthene	23.99	252	785727	39.976	ng	#	96
89) Benzo(k)fluoranthene	24.06	252	761051	40.990	ng	#	96
90) Benzo(a)pyrene	24.87	252	763236	41.470	ng	#	97
91) Dibenzo(a,h)anthracene	28.83	278	737485	40.742	ng	#	97
92) Benzo(g,h,i)perylene	29.92	276	743491	42.109	ng	#	92

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

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