Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043659.D
Acq On : 15 Nov 2019 20:32
Operator : JU
Sample : PB124785BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Manual Integrations APPROVED
mohammad
11/18/2019 3:07:05 PM

Quant Time: Nov 16 02:15:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26646	20.00	ng		-0.02
21) Naphthalene-d8	10.80	136	111055	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	87004	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	218059	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	249753	20.00	ng		-0.02
87) Perylene-d12	24.82	264	283800	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	113081	77.77	ng		0.00
7) Phenol-d6	7.19	99	156006	74.57	ng		0.00
23) Nitrobenzene-d5	9.16	82	152441	70.77	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	108260	65.39	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	432957	68.76	ng		-0.02
79) Terphenyl-d14	19.98	244	894331	67.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	19685	34.739	ng	#	94
3) Pyridine	3.85	79	48519	33.943	ng		90
4) n-Nitrosodimethylamine	3.76	42	30271	41.967	ng		85
6) Aniline	7.32	93	83852	34.792	ng		100
8) 2-Chlorophenol	7.57	128	73236	45.625	ng		98
9) Benzaldehyde	7.13	77	35920	34.936	ng		94
10) Phenol	7.22	94	89549	46.841	ng		95
11) bis(2-Chloroethyl)ether	7.41	93	54783	37.064	ng		99
12) 1,3-Dichlorobenzene	7.88	146	77270	38.421	ng		99
13) 1,4-Dichlorobenzene	8.02	146	78710	38.682	ng		97
14) 1,2-Dichlorobenzene	8.35	146	75858	38.182	ng		99
15) Benzyl Alcohol	8.24	79	66084	44.976	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	80709	37.552	ng		98
17) 2-Methylphenol	8.46	107	64873	46.548	ng		97
18) Hexachloroethane	9.08	117	26831	36.548	ng		96
19) n-Nitroso-di-n-propylamine	8.79	70	53588	39.639	ng	#	87
20) 3+4-Methylphenols	8.79	107	86813	45.426	ng		98
22) Acetophenone	8.82	105	105803	37.202	ng	#	91
24) Nitrobenzene	9.20	77	83844	40.859	ng	#	96
25) Isophorone	9.72	82	154789	39.303	ng		100
26) 2-Nitrophenol	9.91	139	42416	42.814	ng	#	94
27) 2,4-Dimethylphenol	9.99	122	75701	53.313	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	84156	38.717	ng		98
29) 2,4-Dichlorophenol	10.47	162	81573	44.837	ng		96
30) 1,2,4-Trichlorobenzene	10.66	180	85182	37.149	ng		95
31) Naphthalene	10.84	128	226602	40.198	ng		99
32) Benzoic acid	10.17	122	26915	29.194	ng		93
33) 4-Chloroaniline	10.97	127	57586	24.921	ng		92
34) Hexachlorobutadiene	11.13	225	59911	35.345	ng		99
35) Caprolactam	11.73	113	27422m	43.764	ng		
36) 4-Chloro-3-methylphenol	12.11	107	91681	46.199	ng		91
37) 2-Methylnaphthalene	12.45	142	180061	41.630	ng		98
38) 1-Methylnaphthalene	12.67	142	169981	41.304	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	117801	36.585	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	116593	68.932	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	76338m	40.258	ng		
44) 2,4,5-Trichlorophenol	13.16	196	80376	41.927	ng		97
46) 1,1'-Biphenyl	13.46	154	248551	37.552	ng		97
47) 2-Chloronaphthalene	13.50	162	191643	38.054	ng		98
48) 2-Nitroaniline	13.71	65	60094	39.925	ng		97
49) Acenaphthylene	14.35	152	321134	40.972	ng		100
50) Dimethylphthalate	14.08	163	271100	40.228	ng		99
51) 2,6-Dinitrotoluene	14.20	165	60833	41.551	ng		96
52) Acenaphthene	14.69	154	190754	39.908	ng		97
53) 3-Nitroaniline	14.54	138	43110	30.499	ng	#	94
54) 2,4-Dinitrophenol	14.75	184	65632	72.537	ng		96
55) Dibenzofuran	15.03	168	317477	40.958	ng		99
56) 4-Nitrophenol	14.89	139	82175	86.752	ng		94
57) 2,4-Dinitrotoluene	14.99	165	88140	42.126	ng	#	98
58) Fluorene	15.67	166	267132	41.090	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	83339	40.917	ng		96
60) Diethylphthalate	15.44	149	277259	40.946	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	153192	40.393	ng		98
62) 4-Nitroaniline	15.71	138	64795	44.386	ng		98
63) Azobenzene	15.96	77	226407	41.314	ng		96
65) 4,6-Dinitro-2-methylphenol	15.76	198	54863	42.752	ng		93
66) n-Nitrosodiphenylamine	15.88	169	242972	39.467	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	110705	37.724	ng		98
68) Hexachlorobenzene	16.68	284	121376	36.032	ng		97
69) Atrazine	16.83	200	94757	44.295	ng		96
70) Pentachlorophenol	17.04	266	111527	72.660	ng		98
71) Phenanthrene	17.41	178	435178	38.973	ng		100
72) Anthracene	17.51	178	455586	40.779	ng		98
73) Carbazole	17.78	167	417629	41.279	ng		98
74) Di-n-butylphthalate	18.33	149	491340	40.025	ng		98
75) Fluoranthene	19.43	202	597823	41.067	ng		100
77) Benzidine	19.61	184	108105	21.508	ng		99
78) Pyrene	19.79	202	617214	39.925	ng		99
80) Butylbenzylphthalate	20.67	149	229029	39.104	ng		96
81) Benzo(a)anthracene	21.62	228	621129	39.703	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	214505	35.450	ng		96
83) Chrysene	21.68	228	616329	39.651	ng		97
84) Bis(2-ethylhexyl)phthalate	21.51	149	338149	40.643	ng		98
85) Di-n-octyl phthalate	22.71	149	578991	41.019	ng		100
86) Indeno(1,2,3-cd)pyrene	28.45	276	800678	41.036	ng		99
88) Benzo(b)fluoranthene	23.81	252	661322	41.144	ng		99
89) Benzo(k)fluoranthene	23.88	252	681875	42.140	ng		100
90) Benzo(a)pyrene	24.67	252	658791	42.921	ng		100
91) Dibenzo(a,h)anthracene	28.50	278	681410	43.402	ng		99
92) Benzo(g,h,i)perylene	29.59	276	660822	42.671	ng		99

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

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