Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040450.D
Acq On : 11 Apr 2019 20:49
Operator : JU/SJ
Sample : PB118783BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118783BS

Manual Integrations APPROVED
Sohil
4/15/2019 12:22:47 AM

Quant Time: Apr 12 06:56:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	64831	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	276017	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	175000	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	446356	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	447173	20.00	ng		-0.03
87) Perylene-d12	24.97	264	431551	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	529729	135.83	ng		-0.01
7) Phenol-d6	7.20	99	715442	132.74	ng		-0.02
23) Nitrobenzene-d5	9.22	82	388983	74.91	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	269872	142.69	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	876788	74.24	ng		-0.03
79) Terphenyl-d14	20.02	244	1458219	73.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	92877	50.649	ng		97
3) Pyridine	3.89	79	163194	33.053	ng		98
4) n-Nitrosodimethylamine	3.81	42	88306	38.666	ng	#	94
6) Aniline	7.37	93	214977	30.701	ng		99
8) 2-Chlorophenol	7.61	128	195912	42.915	ng		98
9) Benzaldehyde	7.19	77	71999	19.475	ng		97
10) Phenol	7.23	94	257619	44.037	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	189621	40.470	ng		97
12) 1,3-Dichlorobenzene	7.93	146	198103	39.920	ng		97
13) 1,4-Dichlorobenzene	8.08	146	201393	40.746	ng		98
14) 1,2-Dichlorobenzene	8.40	146	192346	40.694	ng		99
15) Benzyl Alcohol	8.28	79	174399	40.180	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	364518	40.536	ng		98
17) 2-Methylphenol	8.48	107	179989	44.463	ng		97
18) Hexachloroethane	9.12	117	73298	38.987	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	150253	38.883	ng		97
20) 3+4-Methylphenols	8.81	107	239275	43.632	ng		99
22) Acetophenone	8.87	105	295555	42.926	ng		99
24) Nitrobenzene	9.27	77	223498	41.563	ng		99
25) Isophorone	9.78	82	430739	40.314	ng		99
26) 2-Nitrophenol	9.97	139	107555	42.212	ng		99
27) 2,4-Dimethylphenol	10.02	122	197295	48.747	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	263365	41.663	ng		99
29) 2,4-Dichlorophenol	10.51	162	196287	44.681	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	201947	41.865	ng		99
31) Naphthalene	10.91	128	601573	42.520	ng		99
32) Benzoic acid	10.17	122	84265m	34.459	ng		
33) 4-Chloroaniline	11.02	127	155351	25.742	ng		96
34) Hexachlorobutadiene	11.17	225	121961	39.533	ng		94
35) Caprolactam	11.82	113	72361m	41.507	ng		
36) 4-Chloro-3-methylphenol	12.14	107	223018	44.159	ng		97
37) 2-Methylnaphthalene	12.51	142	445317	42.559	ng		97
38) 1-Methylnaphthalene	12.73	142	424635	41.850	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	227347	40.874	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	250304	81.959	ng		94
43) 2,4,6-Trichlorophenol	13.11	196	159382	44.445	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	174981	44.767	ng		97
46) 1,1'-Biphenyl	13.51	154	574793	41.569	ng		99
47) 2-Chloronaphthalene	13.56	162	448143	42.252	ng		99
48) 2-Nitroaniline	13.77	65	155076	43.346	ng		99
49) Acenaphthylene	14.40	152	736313	40.945	ng		100
50) Dimethylphthalate	14.13	163	582265	42.513	ng		100
51) 2,6-Dinitrotoluene	14.26	165	135595	44.092	ng		98
52) Acenaphthene	14.74	154	429464	41.677	ng		98
53) 3-Nitroaniline	14.59	138	107558	33.041	ng		91
54) 2,4-Dinitrophenol	14.81	184	130277	79.655	ng		91
55) Dibenzofuran	15.08	168	710645	42.919	ng		98
56) 4-Nitrophenol	14.90	139	220081	83.767	ng		97
57) 2,4-Dinitrotoluene	15.05	165	197236	46.157	ng	#	98
58) Fluorene	15.72	166	559143	42.951	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	167498	47.223	ng		99
60) Diethylphthalate	15.48	149	624991	44.594	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	302235	43.434	ng		99
62) 4-Nitroaniline	15.76	138	156783	44.879	ng		98
63) Azobenzene	16.00	77	582734	44.080	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	106680	42.541	ng		97
66) n-Nitrosodiphenylamine	15.93	169	538613	41.236	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	201102	40.036	ng		100
68) Hexachlorobenzene	16.72	284	203882	40.369	ng		94
69) Atrazine	16.87	200	201669	41.506	ng		99
70) Pentachlorophenol	17.07	266	217331	74.432	ng		96
71) Phenanthrene	17.46	178	973681	41.502	ng		99
72) Anthracene	17.56	178	999679	42.571	ng		99
73) Carbazole	17.83	167	948124	42.662	ng		98
74) Di-n-butylphthalate	18.36	149	1136376	43.138	ng		99
75) Fluoranthene	19.47	202	1214314	43.710	ng		98
77) Benzidine	19.65	184	411052	25.455	ng		98
78) Pyrene	19.84	202	1190079	40.470	ng		99
80) Butylbenzylphthalate	20.70	149	546046	43.394	ng		99
81) Benzo(a)anthracene	21.67	228	1096876	39.823	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	318045	30.355	ng		99
83) Chrysene	21.75	228	1073634	40.559	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	776165	43.150	ng		99
85) Di-n-octyl phthalate	22.76	149	1308989	42.712	ng		100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1317263	40.687	ng		99
88) Benzo(b)fluoranthene	23.93	252	1140869	43.180	ng		99
89) Benzo(k)fluoranthene	24.00	252	1108856	45.637	ng		99
90) Benzo(a)pyrene	24.82	252	1134149	45.750	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	1066442	46.319	ng		98
92) Benzo(g,h,i)perylene	29.92	276	1067961	45.135	ng		97

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

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