Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040915.D
Acq On : 13 May 2019 17:32
Operator : HP/JU
Sample : PB119674BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:04:40 PM

Quant Time: May 14 01:57:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	47878	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	207469	20.00	ng		-0.04
39) Acenaphthene-d10	14.76	164	155700	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	398347	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	455455	20.00	ng		-0.04
87) Perylene-d12	25.13	264	301605	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	243218	89.55	ng		-0.02
7) Phenol-d6	7.27	99	355651	85.04	ng		-0.02
23) Nitrobenzene-d5	9.31	82	340264	75.78	ng		-0.03
42) 2,4,6-Tribromophenol	16.24	330	188127	87.90	ng		-0.03
45) 2-Fluorobiphenyl	13.38	172	803333	74.51	ng		-0.04
79) Terphenyl-d14	20.10	244	1523411	74.10	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	45418	36.769	ng		89
3) Pyridine	3.93	79	108411	30.280	ng		94
4) n-Nitrosodimethylamine	3.85	42	60762	30.597	ng	#	77
6) Aniline	7.45	93	122189	22.044	ng		97
8) 2-Chlorophenol	7.68	128	145879	43.987	ng		96
9) Benzaldehyde	7.30	77	6078	Below Cal		#	17
10) Phenol	7.29	94	198608	44.180	ng		95
11) bis(2-Chloroethyl)ether	7.55	93	128125	38.008	ng		90
12) 1,3-Dichlorobenzene	8.01	146	144941	40.041	ng		96
13) 1,4-Dichlorobenzene	8.16	146	146917	40.037	ng		96
14) 1,2-Dichlorobenzene	8.48	146	140497	39.701	ng		98
15) Benzyl Alcohol	8.36	79	161609	37.140	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	206855	30.821	ng		92
17) 2-Methylphenol	8.56	107	142438	44.773	ng		96
18) Hexachloroethane	9.22	117	56223	37.350	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	127467	33.860	ng		94
20) 3+4-Methylphenols	8.89	107	192571	43.451	ng		98
22) Acetophenone	8.96	105	238173	41.284	ng	#	92
24) Nitrobenzene	9.35	77	197304	41.185	ng		92
25) Isophorone	9.86	82	370958	37.090	ng		100
26) 2-Nitrophenol	10.06	139	86199	50.196	ng		96
27) 2,4-Dimethylphenol	10.10	122	161695	50.184	ng		99
28) bis(2-Chloroethoxy)methane	10.34	93	196997	39.258	ng		98
29) 2,4-Dichlorophenol	10.59	162	178067	48.612	ng		92
30) 1,2,4-Trichlorobenzene	10.81	180	183564	45.190	ng		99
31) Naphthalene	11.00	128	454676	41.251	ng		99
32) Benzoic acid	10.24	122	112964	51.214	ng		95
33) 4-Chloroaniline	11.11	127	100662	20.598	ng		93
34) Hexachlorobutadiene	11.27	225	133324	44.458	ng		98
35) Caprolactam	11.89	113	55562m	38.420	ng		
36) 4-Chloro-3-methylphenol	12.21	107	203818	44.108	ng		95
37) 2-Methylnaphthalene	12.59	142	348908	42.338	ng		97
38) 1-Methylnaphthalene	12.82	142	336610m	41.788	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	256461	44.216	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	191938	56.080	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	174901	49.899	ng		94
44) 2,4,5-Trichlorophenol	13.26	196	182979	47.922	ng		98
46) 1,1'-Biphenyl	13.60	154	486874	40.275	ng		97
47) 2-Chloronaphthalene	13.65	162	399639	42.243	ng		96
48) 2-Nitroaniline	13.85	65	143066	42.483	ng		93
49) Acenaphthylene	14.49	152	624494	38.907	ng		99
50) Dimethylphthalate	14.21	163	535324	41.093	ng		98
51) 2,6-Dinitrotoluene	14.34	165	117224	46.106	ng		89
52) Acenaphthene	14.83	154	364267	38.970	ng		96
53) 3-Nitroaniline	14.67	138	79128	30.375	ng	#	84
54) 2,4-Dinitrophenol	14.87	184	161169	109.555	ng	#	90
55) Dibenzofuran	15.16	168	632425	41.307	ng		100
56) 4-Nitrophenol	14.96	139	188813	83.587	ng		92
57) 2,4-Dinitrotoluene	15.12	165	165230	47.826	ng	#	84
58) Fluorene	15.80	166	498831	40.310	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	187768	48.857	ng		94
60) Diethylphthalate	15.56	149	539751	39.270	ng		100
61) 4-Chlorophenyl-phenylether	15.79	204	311461	43.275	ng		97
62) 4-Nitroaniline	15.83	138	116102	39.842	ng		92
63) Azobenzene	16.08	77	502354	35.490	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	105982	53.109	ng		81
66) n-Nitrosodiphenylamine	16.01	169	461112	39.345	ng		96
67) 4-Bromophenyl-phenylether	16.68	248	207208	41.752	ng		92
68) Hexachlorobenzene	16.79	284	216895	42.266	ng		97
69) Atrazine	16.95	200	163382	35.186	ng		99
70) Pentachlorophenol	17.14	266	284357	94.696	ng		98
71) Phenanthrene	17.55	178	864043	40.270	ng		99
72) Anthracene	17.64	178	864739	40.096	ng		98
73) Carbazole	17.91	167	775851	39.485	ng		98
74) Di-n-butylphthalate	18.44	149	924659	38.989	ng		99
75) Fluoranthene	19.55	202	1137207	42.532	ng		98
77) Benzidine	19.73	184	161720	12.968	ng		97
78) Pyrene	19.91	202	1144487	40.093	ng		99
80) Butylbenzylphthalate	20.78	149	431712	38.803	ng		91
81) Benzo(a)anthracene	21.77	228	1112663	38.654	ng		100
82) 3,3'-Dichlorobenzidine	21.68	252	324782	31.656	ng		98
83) Chrysene	21.84	228	1086974	39.706	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	606415	37.759	ng		96
85) Di-n-octyl phthalate	22.88	149	1021503	37.767	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.97	276	1327333	40.103	ng	#	93
88) Benzo(b)fluoranthene	24.06	252	1159987	62.938	ng	#	98
89) Benzo(k)fluoranthene	24.13	252	1088489	63.239	ng	#	97
90) Benzo(a)pyrene	24.97	252	1090318	62.496	ng		99
91) Dibenzo(a,h)anthracene	29.05	278	1102721	62.460	ng		98
92) Benzo(g,h,i)perylene	30.19	276	1106167	62.955	ng		97

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

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