Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040076.D
Acq On : 21 Mar 2019 21:50
Operator : JU/SJ
Sample : K1989-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Manual Integrations APPROVED
Sohil
3/22/2019 3:59:52 PM

Quant Time: Mar 22 04:07:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39770	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	174560	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	123021	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	301996	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	294737	20.00	ng	-0.02
87) Perylene-d12	25.16	264	306345	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	318810	136.76	ng	-0.02
7) Phenol-d6	7.29	99	438849	126.25	ng	-0.02
23) Nitrobenzene-d5	9.32	82	295999	91.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	203159	141.68	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	710964	82.29	ng	-0.02
79) Terphenyl-d14	20.11	244	1176223	87.87	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	34335	31.903	ng	# 40
3) Pyridine	3.99	79	82971	28.797	ng	100
4) n-Nitrosodimethylamine	3.90	42	51520	37.692	ng	# 87
6) Aniline	7.47	93	50629	11.118	ng	97
8) 2-Chlorophenol	7.71	128	117136	41.418	ng	94
9) Benzaldehyde	7.28	77	36213	16.151	ng	95
10) Phenol	7.32	94	146369	38.871	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	115736	39.421	ng	95
12) 1,3-Dichlorobenzene	8.03	146	121509	37.989	ng	99
13) 1,4-Dichlorobenzene	8.18	146	126727	38.897	ng	95
14) 1,2-Dichlorobenzene	8.50	146	121380	38.560	ng	97
15) Benzyl Alcohol	8.39	79	114167	41.406	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	222604	37.911	ng	98
17) 2-Methylphenol	8.58	107	104888	43.684	ng	99
18) Hexachloroethane	9.23	117	44677	38.217	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	96629	38.623	ng	92
20) 3+4-Methylphenols	8.91	107	141972	42.563	ng	96
22) Acetophenone	8.97	105	186289	39.762	ng	# 95
24) Nitrobenzene	9.36	77	144479	42.670	ng	97
25) Isophorone	9.88	82	284833	42.118	ng	98
26) 2-Nitrophenol	10.07	139	70375	43.048	ng	98
27) 2,4-Dimethylphenol	10.12	122	126073	49.585	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	167339	40.717	ng	99
29) 2,4-Dichlorophenol	10.61	162	138299	48.312	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	135381	42.028	ng	98
31) Naphthalene	11.02	128	389494	42.143	ng	100
32) Benzoic acid	10.22	122	21125	17.036	ng	95
33) 4-Chloroaniline	11.14	127	9423	2.404	ng	94
34) Hexachlorobutadiene	11.28	225	87277	39.650	ng	93
35) Caprolactam	11.91	113	37339m	34.146	ng	
36) 4-Chloro-3-methylphenol	12.23	107	146961	44.785	ng	99
37) 2-Methylnaphthalene	12.61	142	298573	43.210	ng	98
38) 1-Methylnaphthalene	12.83	142	285556	42.525	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	165564	39.726	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	12.93	237	189991	85.066	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	114260	46.829	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	122208	44.435	ng		97
46) 1,1'-Biphenyl	13.60	154	407200	40.244	ng		98
47) 2-Chloronaphthalene	13.66	162	315689	41.473	ng		99
48) 2-Nitroaniline	13.87	65	106703	43.619	ng		93
49) Acenaphthylene	14.50	152	511411	40.927	ng		99
50) Dimethylphthalate	14.22	163	436542	42.437	ng		99
51) 2,6-Dinitrotoluene	14.35	165	95375	43.734	ng		98
52) Acenaphthene	14.84	154	312559	41.559	ng		99
53) 3-Nitroaniline	14.68	138	19716	8.994	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	39655	32.196	ng		93
55) Dibenzofuran	15.17	168	511751	41.473	ng		98
56) 4-Nitrophenol	14.98	139	134974	68.828	ng		88
57) 2,4-Dinitrotoluene	15.14	165	135554	44.237	ng		85
58) Fluorene	15.82	166	408900	42.153	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	123461	45.965	ng		97
60) Diethylphthalate	15.57	149	440936	43.300	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	217576	42.032	ng		97
62) 4-Nitroaniline	15.85	138	94622	39.815	ng		95
63) Azobenzene	16.09	77	393920	42.674	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	45895	25.703	ng		96
66) n-Nitrosodiphenylamine	16.02	169	380580	43.530	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	144302	42.688	ng		97
68) Hexachlorobenzene	16.81	284	148134	42.276	ng		93
69) Atrazine	16.96	200	148516	43.162	ng		97
70) Pentachlorophenol	17.16	266	139345	62.969	ng		95
71) Phenanthrene	17.56	178	694380	41.744	ng		99
72) Anthracene	17.65	178	701974	43.305	ng		99
73) Carbazole	17.92	167	607245	41.554	ng		98
74) Di-n-butylphthalate	18.45	149	748516	43.534	ng		99
75) Fluoranthene	19.56	202	811798	41.294	ng		98
77) Benzidine	19.74	184	37470	4.006	ng		98
78) Pyrene	19.92	202	818055	42.713	ng		99
80) Butylbenzylphthalate	20.79	149	333696	44.972	ng		94
81) Benzo(a)anthracene	21.78	228	760006	41.144	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	80125	11.881	ng		99
83) Chrysene	21.85	228	734147	40.995	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	468984	44.978	ng		99
85) Di-n-octyl phthalate	22.90	149	789940	45.755	ng		95
86) Indeno(1,2,3-cd)pyrene	29.03	276	884067	43.516	ng		99
88) Benzo(b)fluoranthene	24.09	252	780493	42.725	ng		98
89) Benzo(k)fluoranthene	24.16	252	742382	43.657	ng		99
90) Benzo(a)pyrene	25.01	252	756863	44.836	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	720558	43.541	ng		98
92) Benzo(g,h,i)perylene	30.26	276	728933	43.857	ng		98

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

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