Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044390.D
Acq On : 11 Feb 2020 15:46
Operator : CG/JU
Sample : PB126734BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126734BS

Manual Integrations APPROVED
mohammad
2/13/2020 3:32:36 PM

Quant Time: Feb 12 03:25:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	89728	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	377051	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	240562	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	520274	20.00	ng		0.00
76) Chrysene-d12	21.53	240	465328	20.00	ng		0.00
87) Perylene-d12	24.62	264	420296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	603235	118.65	ng		0.00
7) Phenol-d6	7.08	99	783623	114.78	ng		0.00
23) Nitrobenzene-d5	9.06	82	422661	63.29	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	304998	108.00	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	938735	65.35	ng		0.00
79) Terphenyl-d14	19.90	244	1423899	62.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	78799	34.496	ng		99
3) Pyridine	3.76	79	176856	29.060	ng		98
4) n-Nitrosodimethylamine	3.68	42	92652	36.432	ng		99
6) Aniline	7.23	93	233270	27.526	ng		99
8) 2-Chlorophenol	7.47	128	236100	42.254	ng		99
9) Benzaldehyde	7.04	77	54253	13.953	ng		99
10) Phenol	7.10	94	286449	42.394	ng		97
11) bis(2-Chloroethyl)ether	7.32	93	219793	38.049	ng		96
12) 1,3-Dichlorobenzene	7.79	146	240281	36.016	ng		99
13) 1,4-Dichlorobenzene	7.94	146	245337	37.129	ng		100
14) 1,2-Dichlorobenzene	8.26	146	232862	37.284	ng		99
15) Benzyl Alcohol	8.14	79	190782	39.470	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	284213	36.351	ng		100
17) 2-Methylphenol	8.36	107	200577	41.607	ng		97
18) Hexachloroethane	8.99	117	89191	35.971	ng		96
19) n-Nitroso-di-n-propylamine	8.71	70	169378	37.225	ng		97
20) 3+4-Methylphenols	8.68	107	273504	41.167	ng		99
22) Acetophenone	8.73	105	323886	35.311	ng	#	98
24) Nitrobenzene	9.10	77	242993	37.269	ng		98
25) Isophorone	9.63	82	459700	36.929	ng		100
26) 2-Nitrophenol	9.81	139	132831	39.262	ng		98
27) 2,4-Dimethylphenol	9.88	122	219659	45.995	ng		99
28) bis(2-Chloroethoxy)methane	10.11	93	295661	35.604	ng		99
29) 2,4-Dichlorophenol	10.36	162	230285	39.879	ng		99
30) 1,2,4-Trichlorobenzene	10.57	180	236321	35.690	ng		100
31) Naphthalene	10.75	128	689305	37.681	ng		99
32) Benzoic acid	10.04	122	91291	34.624	ng		94
33) 4-Chloroaniline	10.86	127	166910	20.062	ng		99
34) Hexachlorobutadiene	11.05	225	141236	34.665	ng		98
35) Caprolactam	11.63	113	82118m	38.820	ng		
36) 4-Chloro-3-methylphenol	12.00	107	234998	38.814	ng		100
37) 2-Methylnaphthalene	12.36	142	510123	37.558	ng		99
38) 1-Methylnaphthalene	12.59	142	484452	37.832	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	253489	35.226	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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	12.72	237	218031	63.145	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	177453	38.151	ng	97
44) 2,4,5-Trichlorophenol	13.06	196	190181	40.031	ng	99
46) 1,1'-Biphenyl	13.37	154	640279	36.899	ng	99
47) 2-Chloronaphthalene	13.41	162	497386	36.022	ng	99
48) 2-Nitroaniline	13.61	65	146573	35.969	ng	97
49) Acenaphthylene	14.27	152	781717	38.599	ng	100
50) Dimethylphthalate	14.00	163	638564	36.928	ng	99
51) 2,6-Dinitrotoluene	14.11	165	145019	37.613	ng	97
52) Acenaphthene	14.61	154	485330	36.972	ng	98
53) 3-Nitroaniline	14.44	138	104119	24.409	ng	99
54) 2,4-Dinitrophenol	14.65	184	159931	70.956	ng	97
55) Dibenzofuran	14.94	168	755738	38.025	ng	100
56) 4-Nitrophenol	14.77	139	263147	84.218	ng	99
57) 2,4-Dinitrotoluene	14.91	165	202436	37.461	ng	95
58) Fluorene	15.59	166	590538	37.724	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	169199	39.429	ng	99
60) Diethylphthalate	15.37	149	642217	37.272	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	310646	36.599	ng	98
62) 4-Nitroaniline	15.61	138	146704	34.418	ng	95
63) Azobenzene	15.88	77	569537	37.714	ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	122103	42.516	ng	97
66) n-Nitrosodiphenylamine	15.80	169	548732	37.635	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	202632	35.748	ng	96
68) Hexachlorobenzene	16.60	284	225037	35.437	ng	99
69) Atrazine	16.75	200	203470	40.715	ng	96
70) Pentachlorophenol	16.95	266	244800	76.379	ng	96
71) Phenanthrene	17.33	178	945918	37.546	ng	99
72) Anthracene	17.42	178	963067	38.665	ng	99
73) Carbazole	17.69	167	884637	38.526	ng	100
74) Di-n-butylphthalate	18.26	149	1084871	38.232	ng	99
75) Fluoranthene	19.34	202	1135271	38.954	ng	99
77) Benzidine	19.52	184	267321	20.711	ng	99
78) Pyrene	19.70	202	1139663	38.137	ng	98
80) Butylbenzylphthalate	20.59	149	499173	36.655	ng	99
81) Benzo(a)anthracene	21.52	228	1083670	37.787	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	376869	33.859	ng	99
83) Chrysene	21.58	228	1039889	37.513	ng	98
84) Bis(2-ethylhexyl)phthalate	21.43	149	696794	37.174	ng	98
85) Di-n-octyl phthalate	22.60	149	1229283	37.903	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1309130	36.198	ng	100
88) Benzo(b)fluoranthene	23.64	252	1156617	47.757	ng	100
89) Benzo(k)fluoranthene	23.71	252	1095775	46.422	ng	99
90) Benzo(a)pyrene	24.48	252	1040718	45.449	ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1089623	48.081	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1107737	48.828	ng	98

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

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