Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044332.D
Acq On : 7 Feb 2020 11:33
Operator : CG/JU
Sample : PB126601BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Manual Integrations APPROVED
mohammad
2/11/2020 8:25:46 AM

Quant Time: Feb 08 02:41:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	93270	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	380399	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	240603	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	508615	20.00	ng		0.00
76) Chrysene-d12	21.55	240	441417	20.00	ng		0.00
87) Perylene-d12	24.64	264	424085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	681146	128.89	ng		0.00
7) Phenol-d6	7.09	99	881434	124.20	ng		0.00
23) Nitrobenzene-d5	9.07	82	466054	69.17	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	330854	117.14	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	1036736	72.15	ng		0.00
79) Terphenyl-d14	19.91	244	1498000	69.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	138081	58.152	ng		98
3) Pyridine	3.77	79	217882	34.442	ng		97
4) n-Nitrosodimethylamine	3.69	42	108320	40.976	ng		99
6) Aniline	7.24	93	294039	33.379	ng		99
8) 2-Chlorophenol	7.49	128	271557	46.754	ng		98
9) Benzaldehyde	7.05	77	111373	27.555	ng		94
10) Phenol	7.12	94	328408	46.759	ng		99
11) bis(2-Chloroethyl)ether	7.33	93	250859	41.778	ng		97
12) 1,3-Dichlorobenzene	7.80	146	280579	40.459	ng		99
13) 1,4-Dichlorobenzene	7.95	146	285661	41.590	ng		99
14) 1,2-Dichlorobenzene	8.27	146	269858	41.567	ng		99
15) Benzyl Alcohol	8.16	79	224218	44.626	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	324408	39.917	ng		99
17) 2-Methylphenol	8.36	107	230564	46.011	ng		98
18) Hexachloroethane	9.00	117	104619	40.590	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	193781	40.971	ng		98
20) 3+4-Methylphenols	8.69	107	317605	45.989	ng		98
22) Acetophenone	8.73	105	367986	39.765	ng	#	98
24) Nitrobenzene	9.11	77	276746	42.072	ng		99
25) Isophorone	9.64	82	534251	42.540	ng		100
26) 2-Nitrophenol	9.82	139	154156	45.165	ng		98
27) 2,4-Dimethylphenol	9.89	122	256016	53.137	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	340628	40.658	ng		100
29) 2,4-Dichlorophenol	10.36	162	265223	45.525	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	269495	40.342	ng		99
31) Naphthalene	10.76	128	781427	42.340	ng		100
32) Benzoic acid	10.05	122	123360	41.566	ng		92
33) 4-Chloroaniline	10.87	127	195766	23.323	ng		98
34) Hexachlorobutadiene	11.06	225	158157	38.476	ng		98
35) Caprolactam	11.64	113	92816m	43.491	ng		
36) 4-Chloro-3-methylphenol	12.00	107	270364	44.263	ng		99
37) 2-Methylnaphthalene	12.37	142	577330	42.132	ng		99
38) 1-Methylnaphthalene	12.59	142	554036	42.885	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	288053	40.023	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	12.73	237	309229	89.542 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	206687	44.429 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	221232	46.559 ng	97
46) 1,1'-Biphenyl	13.38	154	728518	41.978 ng	99
47) 2-Chloronaphthalene	13.43	162	567478	41.091 ng	99
48) 2-Nitroaniline	13.63	65	163543	40.127 ng	94
49) Acenaphthylene	14.27	152	884986	43.690 ng	99
50) Dimethylphthalate	14.01	163	712740	41.210 ng	100
51) 2,6-Dinitrotoluene	14.12	165	163291	42.344 ng	98
52) Acenaphthene	14.62	154	547429	41.695 ng	98
53) 3-Nitroaniline	14.45	138	114145	26.755 ng	97
54) 2,4-Dinitrophenol	14.66	184	195959	85.210 ng	99
55) Dibenzofuran	14.95	168	845854	42.552 ng	99
56) 4-Nitrophenol	14.78	139	301620	96.514 ng	99
57) 2,4-Dinitrotoluene	14.91	165	224504	41.538 ng	98
58) Fluorene	15.60	166	657161	41.973 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	190218	44.319 ng	99
60) Diethylphthalate	15.38	149	710880	41.250 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	347392	40.922 ng	99
62) 4-Nitroaniline	15.62	138	163481	38.348 ng	96
63) Azobenzene	15.89	77	638095	42.247 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	140321	49.980 ng	97
66) n-Nitrosodiphenylamine	15.81	169	621033	43.570 ng	98
67) 4-Bromophenyl-phenylether	16.49	248	227778	41.106 ng	99
68) Hexachlorobenzene	16.61	284	246777	39.751 ng	98
69) Atrazine	16.76	200	232671	47.625 ng	97
70) Pentachlorophenol	16.95	266	281985	89.437 ng	96
71) Phenanthrene	17.34	178	1041295	42.279 ng	99
72) Anthracene	17.43	178	1072624	44.051 ng	99
73) Carbazole	17.70	167	974705	43.422 ng	99
74) Di-n-butylphthalate	18.27	149	1196564	43.135 ng	99
75) Fluoranthene	19.35	202	1227088	43.069 ng	99
77) Benzidine	19.53	184	372465	30.421 ng	98
78) Pyrene	19.71	202	1238486	43.689 ng	99
80) Butylbenzylphthalate	20.61	149	548095	42.427 ng	98
81) Benzo(a)anthracene	21.53	228	1165531	42.843 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	381466	36.129 ng	98
83) Chrysene	21.59	228	1122878	42.701 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	762495	42.882 ng	99
85) Di-n-octyl phthalate	22.62	149	1358242	44.148 ng	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	1415435	41.258 ng	99
88) Benzo(b)fluoranthene	23.67	252	1240031	50.743 ng	99
89) Benzo(k)fluoranthene	23.73	252	1210474	50.823 ng	99
90) Benzo(a)pyrene	24.50	252	1135960	49.165 ng	98
91) Dibenzo(a,h)anthracene	28.21	278	1169394	51.140 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1194063	52.163 ng	97

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

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