Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044921.D
Acq On : 20 Mar 2020 15:55
Operator : CG/JU
Sample : PB127705BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Manual Integrations APPROVED
mohammad
3/23/2020 9:39:42 AM

Quant Time: Mar 21 01:48:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83292	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	327826	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	221311	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	522239	20.00	ng		0.00
76) Chrysene-d12	21.69	240	483265	20.00	ng		0.00
87) Perylene-d12	24.90	264	540785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	428209	80.03	ng		0.00
7) Phenol-d6	7.20	99	584904	75.24	ng		0.00
23) Nitrobenzene-d5	9.20	82	535716	71.71	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	253661	87.54	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1170301	75.73	ng		0.00
79) Terphenyl-d14	20.03	244	1925137	74.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	77436	30.054	ng		99
3) Pyridine	3.91	79	197918	25.948	ng		97
4) n-Nitrosodimethylamine	3.82	42	107578	37.172	ng		96
6) Aniline	7.36	93	238677	24.674	ng		96
8) 2-Chlorophenol	7.61	128	236463	44.271	ng		97
9) Benzaldehyde	7.17	77	173016	35.360	ng		97
10) Phenol	7.23	94	314735	40.893	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	219600	35.751	ng		97
12) 1,3-Dichlorobenzene	7.94	146	243263	36.972	ng		100
13) 1,4-Dichlorobenzene	8.08	146	240434	36.962	ng		99
14) 1,2-Dichlorobenzene	8.40	146	223203	36.180	ng		97
15) Benzyl Alcohol	8.28	79	241357	38.695	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	322600	29.761	ng		100
17) 2-Methylphenol	8.48	107	208608	40.014	ng		99
18) Hexachloroethane	9.13	117	93109	36.357	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	186773	34.025	ng		96
20) 3+4-Methylphenols	8.81	107	291270	40.529	ng		97
22) Acetophenone	8.86	105	339409	36.545	ng	#	98
24) Nitrobenzene	9.24	77	282329	36.421	ng		99
25) Isophorone	9.77	82	521126	35.741	ng	#	97
26) 2-Nitrophenol	9.96	139	123858	46.251	ng		97
27) 2,4-Dimethylphenol	10.02	122	217381	45.781	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	297665	34.208	ng		96
29) 2,4-Dichlorophenol	10.50	162	234411	42.267	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	247604	37.338	ng		96
31) Naphthalene	10.90	128	677774	37.322	ng		98
32) Benzoic acid	10.16	122	140983	40.105	ng		97
33) 4-Chloroaniline	11.00	127	120530	14.732	ng		95
34) Hexachlorobutadiene	11.20	225	161259	36.978	ng		95
35) Caprolactam	11.76	113	80819m	38.489	ng		
36) 4-Chloro-3-methylphenol	12.12	107	269137	40.689	ng		99
37) 2-Methylnaphthalene	12.51	142	518853	38.195	ng		96
38) 1-Methylnaphthalene	12.72	142	487957	38.208	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	275729	37.831	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	380737	95.586	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	206283	42.647	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	221547	44.166	ng		95
46) 1,1'-Biphenyl	13.51	154	654401	37.002	ng		98
47) 2-Chloronaphthalene	13.55	162	507152	37.538	ng		96
48) 2-Nitroaniline	13.75	65	181558	38.386	ng		92
49) Acenaphthylene	14.40	152	834144	39.410	ng		98
50) Dimethylphthalate	14.13	163	680521	38.608	ng		100
51) 2,6-Dinitrotoluene	14.24	165	154221	43.407	ng		94
52) Acenaphthene	14.74	154	599979	43.284	ng		98
53) 3-Nitroaniline	14.56	138	86402	21.152	ng		99
54) 2,4-Dinitrophenol	14.78	184	171023	90.856	ng		96
55) Dibenzofuran	15.07	168	793237	39.462	ng		99
56) 4-Nitrophenol	14.88	139	262044	84.057	ng		95
57) 2,4-Dinitrotoluene	15.03	165	218710	44.884	ng		98
58) Fluorene	15.72	166	654157	39.561	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	209910m	45.452	ng		
60) Diethylphthalate	15.49	149	695849	37.850	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	357726	40.178	ng		98
62) 4-Nitroaniline	15.73	138	157403	36.137	ng		96
63) Azobenzene	16.01	77	690654	36.177	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	124370	50.187	ng		96
66) n-Nitrosodiphenylamine	15.93	169	597019	37.971	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	247723	37.944	ng		98
68) Hexachlorobenzene	16.73	284	270499	38.190	ng		99
69) Atrazine	16.88	200	238556	41.412	ng		98
70) Pentachlorophenol	17.07	266	330305	84.756	ng		99
71) Phenanthrene	17.47	178	1055557	37.823	ng		100
72) Anthracene	17.55	178	1089572	39.594	ng		99
73) Carbazole	17.82	167	1013552	38.343	ng		100
74) Di-n-butylphthalate	18.39	149	1194013	37.159	ng		99
75) Fluoranthene	19.47	202	1327005	39.936	ng		99
77) Benzidine	19.64	184	535274	34.118	ng		99
78) Pyrene	19.83	202	1316004	37.117	ng		99
80) Butylbenzylphthalate	20.72	149	558454	35.405	ng		99
81) Benzo(a)anthracene	21.67	228	1287026	36.985	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	297851	22.125	ng		97
83) Chrysene	21.74	228	1214061	36.523	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	768108	35.284	ng		99
85) Di-n-octyl phthalate	22.81	149	1313703	36.062	ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1639214	37.615	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	1391022	38.963	ng		98
89) Benzo(k)fluoranthene	23.95	252	1312186	38.839	ng		99
90) Benzo(a)pyrene	24.75	252	1268632	37.976	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1336129	40.542	ng	#	97
92) Benzo(g,h,i)perylene	29.68	276	1349938	40.542	ng		96

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

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