Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG043999.D
Acq On : 10 Jan 2020 13:00
Operator : JU
Sample : PB126006BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126006BS

Manual Integrations APPROVED
mohammad
1/13/2020 2:20:55 PM

Quant Time: Jan 11 04:40:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	106202	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	465309	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	297153	20.00	ng		0.00
64) Phenanthrene-d10	17.33	188	628147	20.00	ng		0.00
76) Chrysene-d12	21.58	240	536941	20.00	ng		0.00
87) Perylene-d12	24.69	264	513207	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	769135	132.98	ng		0.00
7) Phenol-d6	7.13	99	997383	123.36	ng		0.00
23) Nitrobenzene-d5	9.11	82	617678	71.01	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	370622	119.18	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1355098	82.62	ng		0.00
79) Terphenyl-d14	19.94	244	1895939	85.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	112709	44.691	ng		97
3) Pyridine	3.81	79	263723	35.398	ng		97
4) n-Nitrosodimethylamine	3.73	42	133488	40.244	ng		98
6) Aniline	7.27	93	329997	31.075	ng		99
8) 2-Chlorophenol	7.52	128	319033	46.983	ng		97
9) Benzaldehyde	7.09	77	168639	32.590	ng		98
10) Phenol	7.15	94	382210	45.883	ng		100
11) bis(2-Chloroethyl)ether	7.37	93	296672	41.258	ng		98
12) 1,3-Dichlorobenzene	7.84	146	330011	41.531	ng		99
13) 1,4-Dichlorobenzene	7.99	146	336489	42.918	ng		99
14) 1,2-Dichlorobenzene	8.31	146	313781	41.696	ng		99
15) Benzyl Alcohol	8.19	79	264355	41.429	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	402050	36.141	ng		98
17) 2-Methylphenol	8.40	107	269788	44.754	ng		96
18) Hexachloroethane	9.04	117	124559	40.829	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	232554	38.624	ng		97
20) 3+4-Methylphenols	8.73	107	370997	44.116	ng		99
22) Acetophenone	8.77	105	431248	37.279	ng	#	98
24) Nitrobenzene	9.15	77	331970	38.535	ng		99
25) Isophorone	9.68	82	628351	38.506	ng		99
26) 2-Nitrophenol	9.87	139	174036	42.700	ng		96
27) 2,4-Dimethylphenol	9.93	122	295078	48.095	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	399994	36.767	ng		99
29) 2,4-Dichlorophenol	10.41	162	309337	42.269	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	314309	38.304	ng		99
31) Naphthalene	10.81	128	925480	41.101	ng		99
32) Benzoic acid	10.06	122	134028	29.588	ng		96
33) 4-Chloroaniline	10.91	127	221593	20.633	ng		99
34) Hexachlorobutadiene	11.10	225	182340	36.395	ng		98
35) Caprolactam	11.67	113	110388m	40.519	ng		
36) 4-Chloro-3-methylphenol	12.04	107	325985	41.843	ng		99
37) 2-Methylnaphthalene	12.42	142	685007	40.408	ng		97
38) 1-Methylnaphthalene	12.63	142	650469	40.486	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	327100	37.556	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	350051	77.524	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	239363	39.941	ng		96
44) 2,4,5-Trichlorophenol	13.10	196	260827	42.199	ng		98
46) 1,1'-Biphenyl	13.42	154	856096	40.182	ng		98
47) 2-Chloronaphthalene	13.47	162	669712	38.900	ng		98
48) 2-Nitroaniline	13.66	65	206058	37.208	ng		99
49) Acenaphthylene	14.31	152	1055005	42.636	ng		97
50) Dimethylphthalate	14.04	163	839012	39.765	ng		99
51) 2,6-Dinitrotoluene	14.15	165	192694	40.407	ng		95
52) Acenaphthene	14.65	154	672862	38.775	ng		98
53) 3-Nitroaniline	14.48	138	150473	27.786	ng		95
54) 2,4-Dinitrophenol	14.69	184	182432	75.427	ng		96
55) Dibenzofuran	14.99	168	995443	41.670	ng		98
56) 4-Nitrophenol	14.80	139	359735	86.685	ng		95
57) 2,4-Dinitrotoluene	14.94	165	268473	41.374	ng		97
58) Fluorene	15.63	166	787459	41.589	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	226162	42.552	ng		97
60) Diethylphthalate	15.41	149	856834	40.602	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	407391	39.625	ng		99
62) 4-Nitroaniline	15.65	138	195657	36.586	ng		95
63) Azobenzene	15.92	77	792469	40.492	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	144253	44.886	ng		98
66) n-Nitrosodiphenylamine	15.84	169	737769	39.883	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	263350	37.277	ng		98
68) Hexachlorobenzene	16.65	284	285754	37.538	ng		97
69) Atrazine	16.79	200	273934	45.558	ng		100
70) Pentachlorophenol	16.99	266	340085	81.042	ng		99
71) Phenanthrene	17.37	178	1252214	41.562	ng		98
72) Anthracene	17.46	178	1267682	42.574	ng		98
73) Carbazole	17.73	167	1163902	42.316	ng		98
74) Di-n-butylphthalate	18.30	149	1421729	40.486	ng		98
75) Fluoranthene	19.38	202	1433175	41.593	ng		98
77) Benzidine	19.55	184	434325	32.181	ng		98
78) Pyrene	19.74	202	1446887	41.283	ng		97
80) Butylbenzylphthalate	20.63	149	663059	39.737	ng		95
81) Benzo(a)anthracene	21.56	228	1387391	41.671	ng		96
82) 3,3'-Dichlorobenzidine	21.48	252	404272	30.735	ng		99
83) Chrysene	21.63	228	1325437	41.897	ng		97
84) Bis(2-ethylhexyl)phthalate	21.49	149	937407	40.715	ng		100
85) Di-n-octyl phthalate	22.67	149	1618427	41.813	ng		97
86) Indeno(1,2,3-cd)pyrene	28.23	276	1616394	37.596	ng	#	92
88) Benzo(b)fluoranthene	23.72	252	1472248	48.526	ng		98
89) Benzo(k)fluoranthene	23.78	252	1389198	48.151	ng		98
90) Benzo(a)pyrene	24.55	252	1316247	45.966	ng		99
91) Dibenzo(a,h)anthracene	28.30	278	1331764	46.309	ng		99
92) Benzo(g,h,i)perylene	29.34	276	1327930	46.487	ng		97

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

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