Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044736.D
Acq On : 12 Mar 2020 15:32
Operator : CG/JU
Sample : PB127474BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Manual Integrations APPROVED
mohammad
3/16/2020 1:48:18 PM

Quant Time: Mar 13 07:09:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100962	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	427519	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	290245	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	672114	20.00	ng		0.00
76) Chrysene-d12	21.71	240	583107	20.00	ng		0.00
87) Perylene-d12	24.92	264	558452	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	865256	133.41	ng		0.00
7) Phenol-d6	7.21	99	1216509	129.10	ng		0.00
23) Nitrobenzene-d5	9.21	82	689947	70.82	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	465578	122.51	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1432555	70.68	ng		0.00
79) Terphenyl-d14	20.05	244	2180042	69.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	121075	38.766	ng		95
3) Pyridine	3.91	79	298366	32.270	ng		99
4) n-Nitrosodimethylamine	3.82	42	156893	44.724	ng		93
6) Aniline	7.37	93	385893	32.910	ng		97
8) 2-Chlorophenol	7.62	128	313102	48.360	ng		97
9) Benzaldehyde	7.18	77	140120	21.037	ng		98
10) Phenol	7.24	94	451910	48.440	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	324460	43.578	ng		97
12) 1,3-Dichlorobenzene	7.95	146	328096	41.138	ng		97
13) 1,4-Dichlorobenzene	8.09	146	329364	41.772	ng		100
14) 1,2-Dichlorobenzene	8.41	146	314679	42.081	ng		92
15) Benzyl Alcohol	8.29	79	351968	46.553	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	536088	40.800	ng		99
17) 2-Methylphenol	8.49	107	302909	47.933	ng		94
18) Hexachloroethane	9.15	117	125096	40.299	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	276542	41.561	ng	#	96
20) 3+4-Methylphenols	8.82	107	419819	48.192	ng		98
22) Acetophenone	8.88	105	490128	40.468	ng	#	98
24) Nitrobenzene	9.25	77	425459	42.087	ng		98
25) Isophorone	9.78	82	789275	41.509	ng		96
26) 2-Nitrophenol	9.97	139	163516	46.754	ng		97
27) 2,4-Dimethylphenol	10.03	122	312768	50.510	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	446990	39.391	ng		98
29) 2,4-Dichlorophenol	10.50	162	325466	45.000	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	343529	39.723	ng		98
31) Naphthalene	10.92	128	975629	41.196	ng		98
32) Benzoic acid	10.16	122	210715	44.552	ng		98
33) 4-Chloroaniline	11.01	127	219435	20.566	ng		97
34) Hexachlorobutadiene	11.21	225	222439	39.113	ng		95
35) Caprolactam	11.78	113	123633m	45.148	ng		
36) 4-Chloro-3-methylphenol	12.13	107	385542	44.696	ng		95
37) 2-Methylnaphthalene	12.52	142	740483	41.799	ng		98
38) 1-Methylnaphthalene	12.74	142	695735	41.774	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	369860	38.694	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	430899	82.487	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	276325	43.560	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	292151	44.408	ng		98
46) 1,1'-Biphenyl	13.52	154	920844	39.702	ng		98
47) 2-Chloronaphthalene	13.57	162	708480	39.986	ng		99
48) 2-Nitroaniline	13.75	65	273775	44.135	ng		98
49) Acenaphthylene	14.41	152	1167674	42.066	ng		99
50) Dimethylphthalate	14.14	163	944114	40.841	ng		99
51) 2,6-Dinitrotoluene	14.25	165	211307	45.349	ng		98
52) Acenaphthene	14.75	154	842024	46.318	ng		99
53) 3-Nitroaniline	14.58	138	160981	30.050	ng		95
54) 2,4-Dinitrophenol	14.78	184	225056	91.137	ng	#	69
55) Dibenzofuran	15.09	168	1115159	42.301	ng		100
56) 4-Nitrophenol	14.88	139	392547	96.013	ng		99
57) 2,4-Dinitrotoluene	15.04	165	293820	45.977	ng		95
58) Fluorene	15.73	166	906577	41.805	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	276210m	45.603	ng		
60) Diethylphthalate	15.51	149	994673	41.255	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	485981	41.619	ng		98
62) 4-Nitroaniline	15.74	138	217832	38.133	ng		98
63) Azobenzene	16.02	77	1050362	41.951	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	156239	49.173	ng		94
66) n-Nitrosodiphenylamine	15.94	169	834686	41.249	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	335250	39.899	ng		93
68) Hexachlorobenzene	16.74	284	351288	38.537	ng		94
69) Atrazine	16.89	200	343835	46.378	ng		98
70) Pentachlorophenol	17.08	266	452766	90.272	ng		98
71) Phenanthrene	17.48	178	1465560	40.804	ng		100
72) Anthracene	17.57	178	1494942	42.211	ng		99
73) Carbazole	17.83	167	1395436	41.019	ng		99
74) Di-n-butylphthalate	18.41	149	1672259	40.437	ng		99
75) Fluoranthene	19.48	202	1784090	41.719	ng		99
77) Benzidine	19.65	184	480296	25.372	ng		98
78) Pyrene	19.84	202	1783072	41.679	ng		100
80) Butylbenzylphthalate	20.74	149	768655	40.387	ng		97
81) Benzo(a)anthracene	21.68	228	1702124	40.538	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	553223	34.058	ng		97
83) Chrysene	21.76	228	1617704	40.334	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1064336	40.520	ng		99
85) Di-n-octyl phthalate	22.84	149	1826887	41.563	ng		100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2149981	40.888	ng		99
88) Benzo(b)fluoranthene	23.91	252	1869470	50.708	ng		99
89) Benzo(k)fluoranthene	23.98	252	1725336	49.452	ng		98
90) Benzo(a)pyrene	24.77	252	1667636	48.341	ng		97
91) Dibenzo(a,h)anthracene	28.65	278	1771772	52.059	ng		96
92) Benzo(g,h,i)perylene	29.73	276	1802663	52.426	ng		99

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

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