Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044812.D
Acq On : 16 Mar 2020 14:21
Operator : CG/JU
Sample : PB127559BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Manual Integrations APPROVED
mohammad
3/18/2020 8:44:09 AM

Quant Time: Mar 16 18:08:02 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	8.06	152	105631	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	403693	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	278827	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	695685	20.00	ng		0.00
76) Chrysene-d12	21.70	240	603042	20.00	ng		0.00
87) Perylene-d12	24.92	264	533236	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	828783	122.14	ng		0.01
7) Phenol-d6	7.22	99	1146452	116.28	ng		0.01
23) Nitrobenzene-d5	9.22	82	659039	71.64	ng		0.01
42) 2,4,6-Tribromophenol	16.18	330	512650	140.42	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1364395	70.07	ng		0.01
79) Terphenyl-d14	20.04	244	2251598	69.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	109252	33.435	ng		99
3) Pyridine	3.91	79	274092	28.335	ng		98
4) n-Nitrosodimethylamine	3.82	42	142826	38.914	ng	#	88
6) Aniline	7.38	93	338088	27.559	ng		98
8) 2-Chlorophenol	7.62	128	306949	45.314	ng		96
9) Benzaldehyde	7.18	77	87693m	11.017	ng		
10) Phenol	7.24	94	425861	43.630	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	313202	40.206	ng		97
12) 1,3-Dichlorobenzene	7.95	146	331744	39.757	ng		97
13) 1,4-Dichlorobenzene	8.09	146	332367	40.290	ng		97
14) 1,2-Dichlorobenzene	8.41	146	318251	40.677	ng		99
15) Benzyl Alcohol	8.29	79	325467	41.145	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	466326	33.922	ng		99
17) 2-Methylphenol	8.50	107	288701	43.665	ng		97
18) Hexachloroethane	9.15	117	133435	41.085	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	259691	37.304	ng		97
20) 3+4-Methylphenols	8.82	107	393339	43.157	ng		98
22) Acetophenone	8.87	105	474717	41.509	ng		98
24) Nitrobenzene	9.26	77	395714	41.455	ng		98
25) Isophorone	9.79	82	732614	40.803	ng		98
26) 2-Nitrophenol	9.97	139	170062	50.936	ng		96
27) 2,4-Dimethylphenol	10.03	122	295317	50.507	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	416348	38.856	ng		99
29) 2,4-Dichlorophenol	10.51	162	309161	45.269	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	333213	40.804	ng		95
31) Naphthalene	10.91	128	930709	41.619	ng		98
32) Benzoic acid	10.17	122	205427	45.683	ng		98
33) 4-Chloroaniline	11.01	127	204920	20.339	ng		97
34) Hexachlorobutadiene	11.21	225	222899	41.507	ng		98
35) Caprolactam	11.78	113	127057m	49.137	ng		
36) 4-Chloro-3-methylphenol	12.14	107	360385	44.245	ng		99
37) 2-Methylnaphthalene	12.52	142	691622	41.345	ng		96
38) 1-Methylnaphthalene	12.73	142	654717	41.631	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	364065	39.647	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	12.88	237	387194	77.156	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	275102	45.143	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	288177	45.598	ng		95
46) 1,1'-Biphenyl	13.52	154	865542	38.845	ng		98
47) 2-Chloronaphthalene	13.56	162	665911	39.122	ng		99
48) 2-Nitroaniline	13.76	65	258474	43.375	ng		97
49) Acenaphthylene	14.41	152	1122460	42.093	ng		97
50) Dimethylphthalate	14.15	163	916697	41.279	ng		98
51) 2,6-Dinitrotoluene	14.25	165	212642	47.504	ng		98
52) Acenaphthene	14.76	154	822273	47.084	ng		99
53) 3-Nitroaniline	14.58	138	156737	30.456	ng		94
54) 2,4-Dinitrophenol	14.79	184	249679	103.959	ng		94
55) Dibenzofuran	15.09	168	1083755	42.793	ng		98
56) 4-Nitrophenol	14.89	139	425590	108.358	ng		94
57) 2,4-Dinitrotoluene	15.04	165	306179	49.873	ng	#	96
58) Fluorene	15.74	166	890265	42.734	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	292976m	50.352	ng		
60) Diethylphthalate	15.51	149	985112	42.531	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	476010	42.434	ng		99
62) 4-Nitroaniline	15.74	138	238337	43.431	ng		94
63) Azobenzene	16.03	77	979835	40.737	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	186972	55.645	ng		97
66) n-Nitrosodiphenylamine	15.94	169	824699	39.375	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	342456	39.376	ng		100
68) Hexachlorobenzene	16.75	284	367726	38.973	ng		99
69) Atrazine	16.89	200	358014	46.655	ng		98
70) Pentachlorophenol	17.08	266	490484	94.479	ng		98
71) Phenanthrene	17.48	178	1512813	40.693	ng		99
72) Anthracene	17.56	178	1519245	41.444	ng		96
73) Carbazole	17.83	167	1449297	41.159	ng		97
74) Di-n-butylphthalate	18.40	149	1725964	40.322	ng		98
75) Fluoranthene	19.48	202	1831028	41.366	ng		97
77) Benzidine	19.65	184	451629	23.069	ng		99
78) Pyrene	19.84	202	1815731	41.040	ng		97
80) Butylbenzylphthalate	20.73	149	782885	39.775	ng		97
81) Benzo(a)anthracene	21.68	228	1760699	40.547	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	543077	32.328	ng		99
83) Chrysene	21.75	228	1658596	39.986	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	1099184	40.464	ng		98
85) Di-n-octyl phthalate	22.83	149	1876350	41.277	ng		100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2192853	40.324	ng	#	98
88) Benzo(b)fluoranthene	23.90	252	1895433	53.843	ng		98
89) Benzo(k)fluoranthene	23.97	252	1758535	52.787	ng		98
90) Benzo(a)pyrene	24.77	252	1695965	51.487	ng		98
91) Dibenzo(a,h)anthracene	28.66	278	1799141	55.363	ng		97
92) Benzo(g,h,i)perylene	29.72	276	1836172	55.925	ng		99

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

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