Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046195.D
Acq On : 7 Aug 2020 16:14
Operator : CG/JU
Sample : L3594-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2MS

Manual Integrations APPROVED
mohammad
8/10/2020 3:43:37 PM

Quant Time: Aug 07 17:33:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	93826	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	367316	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	259008	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	665892	20.00	ng		0.00
76) Chrysene-d12	21.57	240	712507	20.00	ng		0.00
86) Perylene-d12	24.67	264	779632	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	443125	82.10	ng		0.00
7) Phenol-d6	7.12	99	563861	76.65	ng		0.00
23) Nitrobenzene-d5	9.10	82	355731	52.44	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	391798	98.48	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	930550	52.19	ng		0.00
79) Terphenyl-d14	19.93	244	1682536	48.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	86569	35.239	ng		95
3) Pyridine	3.83	79	198046	29.284	ng		95
4) n-Nitrosodimethylamine	3.75	42	104517	36.312	ng		91
6) Aniline	7.27	93	202849	23.166	ng		99
8) 2-Chlorophenol	7.52	128	262897	44.069	ng		97
9) Benzaldehyde	7.08	77	169529	38.839	ng		97
10) Phenol	7.15	94	319847	43.276	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	243933	41.494	ng		97
12) 1,3-Dichlorobenzene	7.84	146	298888	41.335	ng		97
13) 1,4-Dichlorobenzene	7.99	146	298340	41.088	ng		99
14) 1,2-Dichlorobenzene	8.30	146	288551	42.137	ng		97
15) Benzyl Alcohol	8.19	79	217165	42.734	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	364233	37.791	ng		97
17) 2-Methylphenol	8.39	107	223121	44.717	ng		99
18) Hexachloroethane	9.04	117	100664	41.453	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	189920	39.671	ng		97
20) 3+4-Methylphenols	8.72	107	306202	44.836	ng		98
22) Acetophenone	8.77	105	365700	38.794	ng	#	96
24) Nitrobenzene	9.14	77	267181	36.938	ng		96
25) Isophorone	9.67	82	528971	39.185	ng		98
26) 2-Nitrophenol	9.86	139	155748	47.511	ng		98
27) 2,4-Dimethylphenol	9.92	122	244848	45.908	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	321089	43.744	ng		99
29) 2,4-Dichlorophenol	10.40	162	290176	46.252	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	298547	40.621	ng		99
31) Naphthalene	10.80	128	766885	39.458	ng		100
32) Benzoic acid	10.00	122	45928m	18.827	ng		
33) 4-Chloroaniline	10.90	127	160427	20.200	ng		97
34) Hexachlorobutadiene	11.10	225	193182	39.485	ng		98
35) Caprolactam	11.67	113	119664	58.274	ng		90
36) 4-Chloro-3-methylphenol	12.03	107	282022	45.806	ng		96
37) 2-Methylnaphthalene	12.41	142	605551	40.492	ng		99
38) 1-Methylnaphthalene	12.62	142	581225	41.071	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	354059	37.940	ng		99

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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	12.76	237	469939	87.793	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	288397	48.439	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	308602	47.505	ng		96
46) 1,1'-Biphenyl	13.41	154	798737	39.311	ng		100
47) 2-Chloronaphthalene	13.45	162	622718	38.422	ng		99
48) 2-Nitroaniline	13.65	65	181374	42.694	ng		95
49) Acenaphthylene	14.30	152	1013460	40.270	ng		98
50) Dimethylphthalate	14.03	163	962168	48.400	ng		99
51) 2,6-Dinitrotoluene	14.14	165	195061	42.161	ng		89
52) Acenaphthene	14.64	154	637255	38.366	ng		99
53) 3-Nitroaniline	14.47	138	108899	23.742	ng		92
54) 2,4-Dinitrophenol	14.68	184	50172	22.671	ng		98
55) Dibenzofuran	14.97	168	981938	39.179	ng		98
56) 4-Nitrophenol	14.79	139	389764	97.877	ng		99
57) 2,4-Dinitrotoluene	14.93	165	278550	43.790	ng		92
58) Fluorene	15.63	166	827398	40.765	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	339768	55.527	ng		97
60) Diethylphthalate	15.40	149	843795	43.148	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	449320	42.385	ng		95
62) 4-Nitroaniline	15.64	138	218696	47.409	ng		99
63) Azobenzene	15.91	77	718580	39.208	ng		95
65) 4,6-Dinitro-2-methylphenol	15.70	198	92227	20.942	ng		89
66) n-Nitrosodiphenylamine	15.83	169	774263	38.412	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	332037	40.361	ng		97
68) Hexachlorobenzene	16.64	284	372072	40.335	ng		96
69) Atrazine	16.78	200	305003	39.296	ng		100
70) Pentachlorophenol	16.97	266	390023	65.164	ng		99
71) Phenanthrene	17.36	178	1410705	38.675	ng		98
72) Anthracene	17.45	178	1460607	40.257	ng		98
73) Carbazole	17.72	167	1391018	39.760	ng		98
74) Di-n-butylphthalate	18.29	149	1556183	42.554	ng		99
75) Fluoranthene	19.37	202	1802753	39.587	ng		97
77) Benzidine	19.54	184	867880	43.002	ng		100
78) Pyrene	19.73	202	1811797	37.845	ng		98
80) Butylbenzylphthalate	20.63	149	740967	42.727	ng		96
81) Benzo(a)anthracene	21.55	228	1826472	38.306	ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	389490	19.671	ng		99
83) Chrysene	21.61	228	1742576	37.307	ng		98
84) Bis(2-ethylhexyl)phthalate	21.48	149	1036826	41.819	ng		97
85) Di-n-octyl phthalate	22.65	149	1787206	42.574	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	2414477	40.607	ng	#	95
88) Benzo(b)fluoranthene	23.69	252	2025072	38.761	ng		99
89) Benzo(k)fluoranthene	23.76	252	1943615	37.929	ng		99
90) Benzo(a)pyrene	24.53	252	1874791	38.564	ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1985628	39.948	ng		98
92) Benzo(g,h,i)perylene	29.29	276	2028058	40.400	ng		99

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

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