Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046196.D
Acq On : 7 Aug 2020 16:54
Operator : CG/JU
Sample : L3594-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
mohammad
8/10/2020 3:43:40 PM

Quant Time: Aug 07 17:40:51 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	104039	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	403346	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	278754	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	678823	20.00	ng	0.00
76) Chrysene-d12	21.57	240	729107	20.00	ng	0.00
86) Perylene-d12	24.67	264	793825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	485645	81.15	ng	0.00
7) Phenol-d6	7.12	99	621385	76.18	ng	0.00
23) Nitrobenzene-d5	9.11	82	392287	52.66	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	411378	96.08	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1002607	52.25	ng	0.00
79) Terphenyl-d14	19.93	244	1718246	48.00	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	98587	36.191	ng	95
3) Pyridine	3.83	79	221799	29.577	ng	95
4) n-Nitrosodimethylamine	3.75	42	116885	36.623	ng	92
6) Aniline	7.27	93	239224	24.639	ng	99
8) 2-Chlorophenol	7.52	128	291630	44.087	ng	95
9) Benzaldehyde	7.09	77	188023	38.847	ng	98
10) Phenol	7.14	94	355742	43.408	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	264179	40.527	ng	99
12) 1,3-Dichlorobenzene	7.84	146	331882	41.392	ng	97
13) 1,4-Dichlorobenzene	7.98	146	331986	41.234	ng	99
14) 1,2-Dichlorobenzene	8.31	146	318592	41.957	ng	99
15) Benzyl Alcohol	8.18	79	241398	42.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	401570	37.575	ng	96
17) 2-Methylphenol	8.40	107	248773	44.964	ng	98
18) Hexachloroethane	9.04	117	111443	41.387	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	207412	39.072	ng	98
20) 3+4-Methylphenols	8.72	107	339657	44.852	ng	96
22) Acetophenone	8.77	105	407292	39.347	ng	96
24) Nitrobenzene	9.15	77	297214	37.420	ng	96
25) Isophorone	9.67	82	573203	38.668	ng	99
26) 2-Nitrophenol	9.86	139	172712	47.979	ng	99
27) 2,4-Dimethylphenol	9.92	122	269279	45.979	ng	100
28) bis(2-Chloroethoxy)methane	10.15	93	353836	43.899	ng	98
29) 2,4-Dichlorophenol	10.39	162	314334	45.627	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	328356	40.686	ng	97
31) Naphthalene	10.80	128	840660	39.390	ng	99
32) Benzoic acid	10.01	122	73380m	23.112	ng	
33) 4-Chloroaniline	10.90	127	175938	20.174	ng	95
34) Hexachlorobutadiene	11.10	225	213537	39.746	ng	99
35) Caprolactam	11.67	113	123889	54.942	ng	94
36) 4-Chloro-3-methylphenol	12.03	107	310051	45.860	ng	97
37) 2-Methylnaphthalene	12.40	142	661075	40.256	ng	98
38) 1-Methylnaphthalene	12.63	142	627946	40.409	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	386069	38.439	ng	99

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Quant Time: Aug 07 17:40:51 2020
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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)
41) Hexachlorocyclopentadiene	12.76	237	502395	87.208	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	308252	48.106	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	327630	46.861	ng		96
46) 1,1'-Biphenyl	13.41	154	856643	39.175	ng		99
47) 2-Chloronaphthalene	13.45	162	667957	38.294	ng		98
48) 2-Nitroaniline	13.65	65	192495	42.102	ng		92
49) Acenaphthylene	14.30	152	1073501	39.634	ng		98
50) Dimethylphthalate	14.04	163	1012587	47.329	ng		99
51) 2,6-Dinitrotoluene	14.15	165	205469	41.265	ng		89
52) Acenaphthene	14.64	154	671048	37.539	ng		98
53) 3-Nitroaniline	14.47	138	115318	23.361	ng		97
54) 2,4-Dinitrophenol	14.68	184	57167	23.587	ng		97
55) Dibenzofuran	14.98	168	1037860	38.477	ng		99
56) 4-Nitrophenol	14.79	139	402525	93.921	ng		96
57) 2,4-Dinitrotoluene	14.93	165	291749	42.616	ng		91
58) Fluorene	15.63	166	862530	39.485	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	358153	54.386	ng		96
60) Diethylphthalate	15.40	149	870783	41.374	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	470498	41.239	ng		95
62) 4-Nitroaniline	15.64	138	224059	45.131	ng		99
63) Azobenzene	15.91	77	740707	37.552	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	100919	22.479	ng		90
66) n-Nitrosodiphenylamine	15.83	169	804058	39.131	ng		97
67) 4-Bromophenyl-phenylether	16.52	248	343031	40.904	ng		94
68) Hexachlorobenzene	16.63	284	383992	40.834	ng		97
69) Atrazine	16.78	200	311880	39.417	ng		99
70) Pentachlorophenol	16.97	266	444861	72.910	ng		99
71) Phenanthrene	17.36	178	1439312	38.707	ng		99
72) Anthracene	17.45	178	1478782	39.981	ng		98
73) Carbazole	17.72	167	1403144	39.342	ng		98
74) Di-n-butylphthalate	18.29	149	1545036	41.444	ng		98
75) Fluoranthene	19.37	202	1831279	39.447	ng		99
77) Benzidine	19.55	184	927455	44.908	ng		99
78) Pyrene	19.73	202	1844419	37.650	ng		97
80) Butylbenzylphthalate	20.62	149	753027	42.433	ng		97
81) Benzo(a)anthracene	21.55	228	1874111	38.410	ng		99
82) 3,3'-Dichlorobenzidine	21.46	252	414491	20.457	ng		99
83) Chrysene	21.62	228	1778745	37.215	ng		97
84) Bis(2-ethylhexyl)phthalate	21.47	149	1053065	41.507	ng		98
85) Di-n-octyl phthalate	22.65	149	1812111	42.184	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	2468438	40.773	ng	#	95
88) Benzo(b)fluoranthene	23.69	252	2037497	38.302	ng		98
89) Benzo(k)fluoranthene	23.76	252	2005010	38.427	ng		99
90) Benzo(a)pyrene	24.53	252	1916766	38.722	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	2023493	39.982	ng		99
92) Benzo(g,h,i)perylene	29.29	276	2071441	40.527	ng		99

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

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