Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046189.D
Acq On : 7 Aug 2020 11:55
Operator : CG/JU
Sample : L3545-03MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Manual Integrations APPROVED
mohammad
8/10/2020 3:43:25 PM

Quant Time: Aug 07 13:44:31 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	101983	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	405152	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	282559	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	697526	20.00	ng		0.00
76) Chrysene-d12	21.57	240	719452	20.00	ng		0.00
86) Perylene-d12	24.67	264	788892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	720015	122.73	ng		0.00
7) Phenol-d6	7.12	99	932172	116.59	ng		0.00
23) Nitrobenzene-d5	9.11	82	600881	80.30	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	623848	143.74	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1435521	73.80	ng		0.00
79) Terphenyl-d14	19.94	244	2108254	59.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	91565	34.291	ng		93
3) Pyridine	3.83	79	208238	28.328	ng		94
4) n-Nitrosodimethylamine	3.74	42	110341	35.269	ng	#	89
6) Aniline	7.27	93	250065	26.274	ng		99
8) 2-Chlorophenol	7.52	128	291170	44.904	ng		96
9) Benzaldehyde	7.09	77	187756	39.574	ng		98
10) Phenol	7.14	94	348901	43.432	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	259646	40.634	ng		100
12) 1,3-Dichlorobenzene	7.84	146	322738	41.063	ng		97
13) 1,4-Dichlorobenzene	7.98	146	323692	41.014	ng		99
14) 1,2-Dichlorobenzene	8.31	146	317328	42.633	ng		97
15) Benzyl Alcohol	8.18	79	246972	44.712	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	399550	38.140	ng		98
17) 2-Methylphenol	8.40	107	254518	46.930	ng		99
18) Hexachloroethane	9.04	117	112877	42.765	ng		98
19) n-Nitroso-di-n-propylamine	8.75	70	212873	40.909	ng		97
20) 3+4-Methylphenols	8.72	107	349416	47.071	ng		95
22) Acetophenone	8.77	105	416871	40.093	ng		98
24) Nitrobenzene	9.15	77	297634	37.306	ng		96
25) Isophorone	9.67	82	588202	39.503	ng		98
26) 2-Nitrophenol	9.86	139	180490	49.917	ng		97
27) 2,4-Dimethylphenol	9.92	122	280534	47.687	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	357127	44.110	ng		98
29) 2,4-Dichlorophenol	10.40	162	330003	47.688	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	329425	40.636	ng		98
31) Naphthalene	10.80	128	851893	39.739	ng		99
32) Benzoic acid	10.03	122	64030	21.312	ng		98
33) 4-Chloroaniline	10.90	127	177195	20.227	ng		97
34) Hexachlorobutadiene	11.09	225	215142	39.867	ng		99
35) Caprolactam	11.68	113	134344m	59.313	ng		
36) 4-Chloro-3-methylphenol	12.03	107	325523	47.934	ng		97
37) 2-Methylnaphthalene	12.40	142	681807	41.333	ng		99
38) 1-Methylnaphthalene	12.63	142	652578	41.807	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	398039	39.098	ng		99

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Quant Time: Aug 07 13:44:31 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	524011	89.735	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	322394	49.635	ng		97
44) 2,4,5-Trichlorophenol	13.08	196	341158	48.139	ng		96
46) 1,1'-Biphenyl	13.41	154	879745	39.689	ng		99
47) 2-Chloronaphthalene	13.45	162	694808	39.297	ng		99
48) 2-Nitroaniline	13.65	65	204443	44.113	ng		97
49) Acenaphthylene	14.30	152	1119333	40.769	ng		98
50) Dimethylphthalate	14.04	163	1149963	53.026	ng		99
51) 2,6-Dinitrotoluene	14.15	165	214534	42.506	ng		88
52) Acenaphthene	14.64	154	730306	40.304	ng		99
53) 3-Nitroaniline	14.47	138	114032	22.789	ng		99
54) 2,4-Dinitrophenol	14.68	184	136827	46.076	ng		95
55) Dibenzofuran	14.98	168	1086224	39.727	ng		98
56) 4-Nitrophenol	14.79	139	418407	96.313	ng		98
57) 2,4-Dinitrotoluene	14.94	165	307726	44.344	ng		95
58) Fluorene	15.63	166	893736	40.363	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	349907	52.418	ng		98
60) Diethylphthalate	15.41	149	919509	43.101	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	482296	41.704	ng		97
62) 4-Nitroaniline	15.64	138	236070	46.910	ng		99
63) Azobenzene	15.91	77	1149239	57.480	ng	#	82
65) 4,6-Dinitro-2-methylphenol	15.70	198	152790	33.121	ng		91
66) n-Nitrosodiphenylamine	15.83	169	840676	39.816	ng		97
67) 4-Bromophenyl-phenylether	16.52	248	360698	41.857	ng		95
68) Hexachlorobenzene	16.63	284	402755	41.681	ng		97
69) Atrazine	16.79	200	324760	39.944	ng		98
70) Pentachlorophenol	16.97	266	498478	79.507	ng		99
71) Phenanthrene	17.36	178	1489663	38.987	ng		98
72) Anthracene	17.46	178	1542627	40.589	ng		97
73) Carbazole	17.72	167	1427162	38.943	ng		97
74) Di-n-butylphthalate	18.29	149	1551414	40.499	ng		99
75) Fluoranthene	19.37	202	1788391	37.490	ng		98
77) Benzidine	19.55	184	813699	39.928	ng		98
78) Pyrene	19.73	202	1814601	37.538	ng		98
80) Butylbenzylphthalate	20.62	149	902881	51.561	ng		99
81) Benzo(a)anthracene	21.55	228	1840952	38.237	ng		97
82) 3,3'-Dichlorobenzidine	21.47	252	362004	18.106	ng		99
83) Chrysene	21.62	228	1772715	37.586	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	1056724	42.210	ng		98
85) Di-n-octyl phthalate	22.66	149	1816368	42.851	ng		99
87) Indeno(1,2,3-cd)pyrene	28.20	276	2545089	42.302	ng	#	95
88) Benzo(b)fluoranthene	23.70	252	2046938	38.720	ng		99
89) Benzo(k)fluoranthene	23.76	252	1973597	38.062	ng		99
90) Benzo(a)pyrene	24.53	252	1913728	38.903	ng		99
91) Dibenzo(a,h)anthracene	28.27	278	2076640	41.288	ng		99
92) Benzo(g,h,i)perylene	29.30	276	2138686	42.104	ng		100

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

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