Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046615.D
Acq On : 14 Sep 2020 22:52
Operator : CG/JU
Sample : L3976-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BSY-WC-S-SB-0102MS

Manual Integrations APPROVED
mohammad
9/15/2020 11:18:27 AM

Quant Time: Sep 15 02:13:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	68180	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	274730	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	193311	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	467097	20.00	ng		0.00
76) Chrysene-d12	21.55	240	476376	20.00	ng		0.00
86) Perylene-d12	24.65	264	486810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	409766	106.45	ng		0.00
7) Phenol-d6	7.10	99	502601	92.10	ng		0.00
23) Nitrobenzene-d5	9.08	82	375739	78.17	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	272257	103.95	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	956391	75.53	ng		0.00
79) Terphenyl-d14	19.91	244	1593522	71.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	59178	36.952	ng	#	31
3) Pyridine	3.82	79	148273	31.644	ng		99
4) n-Nitrosodimethylamine	3.73	42	69698	40.330	ng		95
6) Aniline	7.25	93	133527	21.745	ng		99
8) 2-Chlorophenol	7.50	128	183497	45.102	ng		99
9) Benzaldehyde	7.06	77	73765	24.127	ng		99
10) Phenol	7.13	94	199323	39.658	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	174065	43.085	ng		100
12) 1,3-Dichlorobenzene	7.81	146	201846	39.077	ng		96
13) 1,4-Dichlorobenzene	7.96	146	204378	39.522	ng		100
14) 1,2-Dichlorobenzene	8.28	146	197464	39.824	ng		99
15) Benzyl Alcohol	8.17	79	161938	46.222	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	256488	40.930	ng		100
17) 2-Methylphenol	8.38	107	159342	44.703	ng		96
18) Hexachloroethane	9.01	117	68505	39.070	ng		95
19) n-Nitroso-di-n-propylamine	8.73	70	140693	43.103	ng		99
20) 3+4-Methylphenols	8.70	107	215419	43.785	ng		99
22) Acetophenone	8.74	105	272164	40.697	ng	#	98
24) Nitrobenzene	9.12	77	199492	42.009	ng		97
25) Isophorone	9.65	82	390146	44.272	ng		98
26) 2-Nitrophenol	9.84	139	108580	43.337	ng		96
27) 2,4-Dimethylphenol	9.90	122	175203	50.842	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	240192	42.346	ng		98
29) 2,4-Dichlorophenol	10.38	162	202979	44.185	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	214154	39.290	ng		98
31) Naphthalene	10.77	128	560422	41.779	ng		99
32) Benzoic acid	10.05	122	47540	23.914	ng		99
33) 4-Chloroaniline	10.89	127	38095	6.440	ng		96
34) Hexachlorobutadiene	11.06	225	135046	38.167	ng		98
35) Caprolactam	11.66	113	55190m	32.140	ng		
36) 4-Chloro-3-methylphenol	12.02	107	201970	44.951	ng		97
37) 2-Methylnaphthalene	12.38	142	449845	42.521	ng		99
38) 1-Methylnaphthalene	12.60	142	422681	42.179	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	265009	41.572	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	12.74	237	266662	96.203	ng		97
43) 2,4,6-Trichlorophenol	12.99	196	181274	42.139	ng		98
44) 2,4,5-Trichlorophenol	13.07	196	193210	42.748	ng		99
46) 1,1'-Biphenyl	13.39	154	593558	44.132	ng		100
47) 2-Chloronaphthalene	13.43	162	464610	40.743	ng		99
48) 2-Nitroaniline	13.63	65	131632	41.571	ng		98
49) Acenaphthylene	14.28	152	743573	42.986	ng		100
50) Dimethylphthalate	14.01	163	625310	41.811	ng		99
51) 2,6-Dinitrotoluene	14.13	165	143207	43.440	ng		99
52) Acenaphthene	14.62	154	447041	41.705	ng		99
53) 3-Nitroaniline	14.46	138	68436	19.164	ng		100
54) 2,4-Dinitrophenol	14.67	184	143038	74.332	ng		98
55) Dibenzofuran	14.96	168	733689	42.650	ng		99
56) 4-Nitrophenol	14.78	139	189325	72.038	ng		99
57) 2,4-Dinitrotoluene	14.92	165	198496	42.227	ng		96
58) Fluorene	15.60	166	619444	42.903	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	188649	42.982	ng		98
60) Diethylphthalate	15.38	149	607669	41.674	ng		100
61) 4-Chlorophenyl-phenylether	15.59	204	330232	41.530	ng		97
62) 4-Nitroaniline	15.62	138	138921	36.869	ng		99
63) Azobenzene	15.89	77	513523	43.294	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	122051	46.165	ng		96
66) n-Nitrosodiphenylamine	15.81	169	559378	44.390	ng		99
67) 4-Bromophenyl-phenylether	16.49	248	231562	42.492	ng		98
68) Hexachlorobenzene	16.62	284	247413	40.994	ng		99
69) Atrazine	16.76	200	173929	33.834	ng		99
70) Pentachlorophenol	16.96	266	259745	82.373	ng		99
71) Phenanthrene	17.34	178	1006131	42.496	ng		99
72) Anthracene	17.43	178	1024908	43.876	ng		99
73) Carbazole	17.70	167	950241	43.085	ng		100
74) Di-n-butylphthalate	18.27	149	1057988	41.717	ng		100
75) Fluoranthene	19.35	202	1272547	41.766	ng		99
77) Benzidine	19.54	184	46335	4.186	ng		97
78) Pyrene	19.71	202	1278535	42.147	ng		100
80) Butylbenzylphthalate	20.60	149	486607	41.125	ng		100
81) Benzo(a)anthracene	21.53	228	1223533	41.207	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	248298	22.534	ng		98
83) Chrysene	21.59	228	1185390	41.503	ng		99
84) Bis(2-ethylhexyl)phthalate	21.45	149	681506	42.205	ng		99
85) Di-n-octyl phthalate	22.61	149	1194634	43.207	ng		100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1483405	42.427	ng	#	92
88) Benzo(b)fluoranthene	23.67	252	1298197	42.708	ng		98
89) Benzo(k)fluoranthene	23.74	252	1260220	42.898	ng		99
90) Benzo(a)pyrene	24.50	252	1176537	41.475	ng		99
91) Dibenzo(a,h)anthracene	28.21	278	1213193	42.999	ng		98
92) Benzo(g,h,i)perylene	29.25	276	1228854	43.615	ng		98

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

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