Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046198.D
Acq On : 7 Aug 2020 18:15
Operator : CG/JU
Sample : PB130810BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Manual Integrations APPROVED
mohammad
8/10/2020 3:43:49 PM

Quant Time: Aug 07 18:53:31 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	90946	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	353979	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	245998	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	627023	20.00	ng		0.00
76) Chrysene-d12	21.57	240	689991	20.00	ng		0.00
86) Perylene-d12	24.67	264	749318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	573049	109.53	ng		0.00
7) Phenol-d6	7.12	99	719815	100.95	ng		0.00
23) Nitrobenzene-d5	9.10	82	450964	68.98	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	506801	134.13	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1160691	68.54	ng		0.00
79) Terphenyl-d14	19.94	244	2127599	62.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	71788	30.147	ng		100
3) Pyridine	3.83	79	173175	26.417	ng		95
4) n-Nitrosodimethylamine	3.74	42	94231	33.775	ng		96
6) Aniline	7.27	93	272413	32.096	ng		98
8) 2-Chlorophenol	7.52	128	236522	40.903	ng		95
9) Benzaldehyde	7.09	77	160459	37.925	ng		98
10) Phenol	7.14	94	284682	39.738	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	218095	38.274	ng		98
12) 1,3-Dichlorobenzene	7.84	146	269754	38.487	ng		98
13) 1,4-Dichlorobenzene	7.98	146	266895	37.922	ng		99
14) 1,2-Dichlorobenzene	8.31	146	258707	38.976	ng		98
15) Benzyl Alcohol	8.18	79	196520	39.896	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	328632	35.177	ng		96
17) 2-Methylphenol	8.40	107	203089	41.992	ng		97
18) Hexachloroethane	9.04	117	90195	38.318	ng		100
19) n-Nitroso-di-n-propylamine	8.75	70	167924	36.187	ng		99
20) 3+4-Methylphenols	8.72	107	274042	41.398	ng		98
22) Acetophenone	8.77	105	335005	36.877	ng	#	97
24) Nitrobenzene	9.14	77	239687	34.386	ng		97
25) Isophorone	9.67	82	466584	35.866	ng		99
26) 2-Nitrophenol	9.86	139	142000	44.949	ng		98
27) 2,4-Dimethylphenol	9.92	122	218756	42.561	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	288140	40.734	ng		99
29) 2,4-Dichlorophenol	10.39	162	256899	42.490	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	267009	37.698	ng		98
31) Naphthalene	10.80	128	687177	36.689	ng		99
32) Benzoic acid	10.00	122	33743m	16.589	ng		
33) 4-Chloroaniline	10.90	127	230659	30.137	ng		98
34) Hexachlorobutadiene	11.10	225	171630	36.401	ng		97
35) Caprolactam	11.67	113	108856	55.008	ng		99
36) 4-Chloro-3-methylphenol	12.03	107	254894	42.960	ng		97
37) 2-Methylnaphthalene	12.40	142	547255	37.973	ng		98
38) 1-Methylnaphthalene	12.62	142	516652	37.884	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	317538	35.826	ng		99

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Quant Time: Aug 07 18:53:31 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)
41) Hexachlorocyclopentadiene	12.76	237	424756	83.548	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	255205	45.131	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	274780	44.535	ng		94
46) 1,1'-Biphenyl	13.41	154	705784	36.573	ng		99
47) 2-Chloronaphthalene	13.45	162	548953	35.662	ng		99
48) 2-Nitroaniline	13.65	65	164233	40.703	ng		93
49) Acenaphthylene	14.30	152	897678	37.555	ng		100
50) Dimethylphthalate	14.03	163	745834	39.502	ng		99
51) 2,6-Dinitrotoluene	14.14	165	172905	39.349	ng		90
52) Acenaphthene	14.64	154	549941	34.861	ng		99
53) 3-Nitroaniline	14.47	138	144228	33.108	ng		98
54) 2,4-Dinitrophenol	14.68	184	25417	15.390	ng		96
55) Dibenzofuran	14.98	168	879266	36.938	ng		99
56) 4-Nitrophenol	14.79	139	356821	94.343	ng		98
57) 2,4-Dinitrotoluene	14.94	165	249588	41.312	ng		91
58) Fluorene	15.62	166	733567	38.053	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	310664	53.456	ng		96
60) Diethylphthalate	15.40	149	751188	40.444	ng		97
61) 4-Chlorophenyl-phenylether	15.62	204	399242	39.653	ng		96
62) 4-Nitroaniline	15.63	138	200533	45.771	ng		99
63) Azobenzene	15.91	77	632992	36.365	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	64730	15.610	ng		89
66) n-Nitrosodiphenylamine	15.83	169	688832	36.292	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	288480	37.241	ng		98
68) Hexachlorobenzene	16.63	284	332806	38.315	ng		96
69) Atrazine	16.78	200	273822	37.466	ng		99
70) Pentachlorophenol	16.97	266	316943	56.236	ng		99
71) Phenanthrene	17.36	178	1271449	37.018	ng		100
72) Anthracene	17.46	178	1317143	38.553	ng		99
73) Carbazole	17.72	167	1270484	38.566	ng		99
74) Di-n-butylphthalate	18.29	149	1408188	40.894	ng		99
75) Fluoranthene	19.37	202	1673918	39.036	ng		99
77) Benzidine	19.55	184	1001556	51.245	ng		99
78) Pyrene	19.73	202	1694065	36.541	ng		98
80) Butylbenzylphthalate	20.62	149	687339	40.928	ng		97
81) Benzo(a)anthracene	21.55	228	1702261	36.866	ng		98
82) 3,3'-Dichlorobenzidine	21.46	252	531502	27.719	ng		98
83) Chrysene	21.62	228	1642799	36.319	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	947398	39.459	ng		98
85) Di-n-octyl phthalate	22.65	149	1636716	40.261	ng		98
87) Indeno(1,2,3-cd)pyrene	28.19	276	2228769	39.000	ng	#	96
88) Benzo(b)fluoranthene	23.69	252	1865056	37.143	ng		99
89) Benzo(k)fluoranthene	23.76	252	1823642	37.027	ng		99
90) Benzo(a)pyrene	24.53	252	1739821	37.235	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	1822234	38.143	ng		99
92) Benzo(g,h,i)perylene	29.30	276	1884224	39.054	ng		99

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

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