Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046611.D
Acq On : 14 Sep 2020 20:12
Operator : CG/JU
Sample : L3981-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B20-7-9MSD

Manual Integrations APPROVED
mohammad
9/15/2020 11:18:24 AM

Quant Time: Sep 15 02:30:10 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	61570	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	257131	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194061	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	489439	20.00	ng	0.00
76) Chrysene-d12	21.55	240	485916	20.00	ng	0.00
86) Perylene-d12	24.65	264	496982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	350740	100.90	ng	0.00
7) Phenol-d6	7.10	99	489818	99.40	ng	0.00
23) Nitrobenzene-d5	9.08	82	294960	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249158	94.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	767559	60.38	ng	0.00
79) Terphenyl-d14	19.91	244	1339443	58.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	55568	38.423	ng	97
3) Pyridine	3.81	79	159198	37.623	ng	96
4) n-Nitrosodimethylamine	3.72	42	69900	44.790	ng	99
6) Aniline	7.25	93	167976	30.292	ng	99
8) 2-Chlorophenol	7.50	128	181034	49.274	ng	97
9) Benzaldehyde	7.06	77	77910	28.219	ng	100
10) Phenol	7.13	94	230997	50.894	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	162382	44.508	ng	99
12) 1,3-Dichlorobenzene	7.81	146	198528	42.561	ng	99
13) 1,4-Dichlorobenzene	7.96	146	199562	42.734	ng	99
14) 1,2-Dichlorobenzene	8.28	146	195463	43.652	ng	99
15) Benzyl Alcohol	8.17	79	152633	48.244	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	240230	42.451	ng	98
17) 2-Methylphenol	8.37	107	161534	50.183	ng	98
18) Hexachloroethane	9.01	117	66069	41.726	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	134341	45.575	ng	99
20) 3+4-Methylphenols	8.70	107	222760	50.138	ng	100
22) Acetophenone	8.74	105	260184	41.569	ng	99
24) Nitrobenzene	9.12	77	194487	43.758	ng	97
25) Isophorone	9.65	82	374468	45.401	ng	99
26) 2-Nitrophenol	9.84	139	108294	46.181	ng	96
27) 2,4-Dimethylphenol	9.90	122	179931	55.788	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	227099	42.778	ng	99
29) 2,4-Dichlorophenol	10.38	162	207201	48.191	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	209308	41.029	ng	98
31) Naphthalene	10.77	128	550111	43.817	ng	99
32) Benzoic acid	10.06	122	79147	36.426	ng	98
33) 4-Chloroaniline	10.88	127	97140	17.547	ng	99
34) Hexachlorobutadiene	11.06	225	131633	39.749	ng	97
35) Caprolactam	11.65	113	76351m	47.506	ng	
36) 4-Chloro-3-methylphenol	12.02	107	213290	50.720	ng	95
37) 2-Methylnaphthalene	12.38	142	444145	44.856	ng	99
38) 1-Methylnaphthalene	12.60	142	419106	44.685	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263277	41.141	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	264694	95.124 ng	100
43) 2,4,6-Trichlorophenol	12.99	196	184870	42.809 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	204504	45.071 ng	99
46) 1,1'-Biphenyl	13.39	154	585472	43.363 ng	98
47) 2-Chloronaphthalene	13.43	162	467813	40.866 ng	99
48) 2-Nitroaniline	13.63	65	133619	42.035 ng	99
49) Acenaphthylene	14.28	152	760962	43.822 ng	100
50) Dimethylphthalate	14.01	163	712383	47.449 ng	99
51) 2,6-Dinitrotoluene	14.13	165	150769	45.557 ng	99
52) Acenaphthene	14.62	154	460023	42.750 ng	98
53) 3-Nitroaniline	14.46	138	83559	23.309 ng	99
54) 2,4-Dinitrophenol	14.67	184	182640	94.545 ng	97
55) Dibenzofuran	14.96	168	755244	43.733 ng	100
56) 4-Nitrophenol	14.78	139	243101	92.143 ng	96
57) 2,4-Dinitrotoluene	14.92	165	213226	45.185 ng	99
58) Fluorene	15.60	166	642478	44.327 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	198889	45.140 ng	99
60) Diethylphthalate	15.38	149	637456	43.548 ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	340738	42.686 ng	98
62) 4-Nitroaniline	15.62	138	153624	40.614 ng	97
63) Azobenzene	15.89	77	534364	44.877 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	141384	51.037 ng	96
66) n-Nitrosodiphenylamine	15.81	169	587959	44.529 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	244146	42.756 ng	98
68) Hexachlorobenzene	16.62	284	263201	41.620 ng	98
69) Atrazine	16.76	200	190667	35.396 ng	99
70) Pentachlorophenol	16.96	266	295811	89.528 ng	99
71) Phenanthrene	17.34	178	1090299	43.949 ng	100
72) Anthracene	17.43	178	1105909	45.182 ng	99
73) Carbazole	17.70	167	1021002	44.181 ng	99
74) Di-n-butylphthalate	18.27	149	1123146	42.265 ng	99
75) Fluoranthene	19.35	202	1383246	43.327 ng	100
77) Benzidine	19.53	184	581395	51.491 ng	98
78) Pyrene	19.71	202	1374877	44.433 ng	100
80) Butylbenzylphthalate	20.60	149	510856	42.327 ng	98
81) Benzo(a)anthracene	21.53	228	1300449	42.937 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	273048	24.293 ng	99
83) Chrysene	21.60	228	1269730	43.583 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	713880	43.342 ng	100
85) Di-n-octyl phthalate	22.61	149	1254525	44.483 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1594183	44.662 ng	99
88) Benzo(b)fluoranthene	23.67	252	1369601	44.135 ng	97
89) Benzo(k)fluoranthene	23.74	252	1338045	44.615 ng	99
90) Benzo(a)pyrene	24.51	252	1255493	43.353 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1292386	44.868 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1323245	46.004 ng	98

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

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